Lowe-Martin Serpentine Die Cutting

By Robin Harris, FRPSC, OTB Lifetime Achievement Award [1]

Introduction

This is an on-going study, and constantly changing article, on the serpentine die cutting employed by Lowe-Martin to produce their coil stamps. Article updated September 30, 2023.

Lowe-Martin became a printer of Canadian commemorative stamps in 2002 and definitives in 2004. They have printed thousands of different stamps and other postal related material since that time, both for Canada and 50+ other countries around the world.

Their website (www.lmgroup.com/services/secure-printing) notes:

> "Our Commemorative products include gummed stamp panes, sheetlets and souvenir sheets, first day covers, as well as self-adhesive sheets, sheetlets and folded booklets, which are printed on our newly installed 10 colour sheet-fed presses. We also produce small and large format Definitive Coils on our 7 colour web press, from small coils of 50 stamps up to rolls of 5,000 stamps.
>
> On all of our postal products, we use high-resolution 10-micron stochastic screening. This represents the finest image being produced for any philatelic community in the world, and is the closest process possible to representing photographic quality."

One of Lowe-Martin's most interesting stamp production items are the coils they produce in rolls of 50 or 100 [2]. Since 2004, 105 different designs (two Leaf, nineteen Flower, five Olympic, seventeen Baby Wildlife, two Sunflower, two Daylily, nine CFL team logos, two Magnolia, seven NHL team logos, two Roses, seven NHL Zambonis, two Pansies, two Hydrangeas, three Star Trek™, two Daisies, sixteen From Far and Wide, two Lotuses, two Gardenia, two Crabapples, two Calla, two Ranunuculus) have appeared on Canadian coil stamps printed by Lowe-Martin. Sounds simple enough. However, there are a total of 6,983 unique different specimens to collect (or ignore, depending on how smart or crazy you are!). That's right, nearly 7,000 [3]. The goal of this article is to show that all 6,983 unique varieties can be plated and identified.

Figure 1
$1.40 coil production; image from October–December 2004 *Details* magazine.

What's New?

- Sep 30/23: Many more box dates recorded

Wanted!

- NHL Team Logo boxes
- NHL Zamboni boxes

This document only applies to coil production. Booklet production is different!

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Coil Production

The printing press used by Lowe-Martin to print their coil stamps was illustrated on page 3 of Canada Post's October-December 2004 *Details* magazine (Figure 1). It shows the printed and die cut $1.40 Leaf stamps (Sc. 2055) coming off the end of the press. It is clear from this image that the stamps are printed in 10 columns across the continuous web roll of paper with a gutter every 10 rows [4]. The issued rolls of 50 (or 100) stamps available at post offices across the country confirms this gutter every 10 stamps.

The stamps are printed and die cut from one long continuous web (role of paper). Canada Post has noted that approximately one million stamps are printed from one roll [9]. Based on the illustration in *Details* it can be surmised that the individual rolls of 50 or 100 stamps are separated from the large printed web at a later stage.

The die cuts are produced from "die cutting mats". The metal mats make the peak and valley configurations (Figure 2), and are *pressed* into rather than *cutting through* the stamps. The mats have nothing to do with the cutting of the web into coil rolls of 50/100. "Slitter wheels" cut the web into the actual coil strips, and have no relation to the die cuts [5].

Careful examination and study of the die cutting on the issued rolls shows that the pattern repeats every 10 stamps, or after every gutter. Thus, the full die cutting mat is 10 stamps across by 10 stamps along the web of paper.

As noted earlier, the separation of the stamps into their individual coil strips occurs at a later date. The web of stamps is fed into a machine where the slitter wheels cut the web into coil rolls. The rolls are wound onto a cardboard core. The early coils (Leaf and first Flower series) did not affix the roll to this core; starting in late 2005 or early 2006, the end of the roll was affixed to this inner core with a spot of glue.

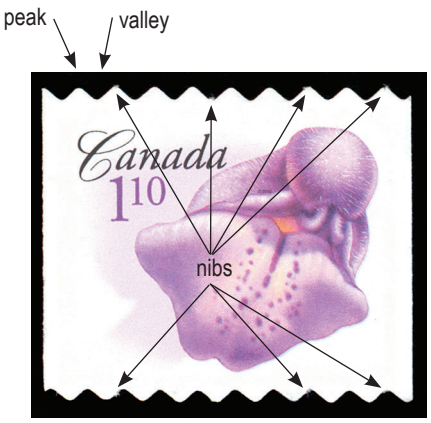


Figure 2
Terminology

After separation and rolling (with a clear self-adhesive label wrapped partially around the roll), ten individual rolls are placed into a cardboard box which then has a white label affixed to one end. This label includes a barcode (until 2014), production date and time, and roll number (the early coils — Leaf, first Flower series, and the early printings of the second Flower series — only had a barcode printed, or stamped directly onto the box). For a time, boxes included hand written or rubber stamped 3-digit numbers (presumably an "inspector's mark"). The production dates can be important when watching for new die cutting mats. See Figure 3. For a listing of box dates as seen by the author or reported to the author by other collectors, see the section "Coil Box Dates" on page 39.

Historical Perspective

The first postage stamp in the world, Great Britain's Penny Black, has 240 unique stamps from each of its eleven different plates (a total of 2,640 different stamps to collect).

The pane consisted of 240 stamps, arranged in 20 horizontal rows of 12 stamps each. Each stamp on the pane was assigned an alphabetical sequence of capital letters in the lower corners of the design.

The corner letters served to identify the location of every stamp on the plate, or printed sheet. The first stamp in the top row was lettered AA, the last in the first row, AL; the first in the second row as BA, progressing to BL; and so on down the sheet to TA and TL at th beginning and end of row 20.

The letters were hand-punched in the corner squares of the design in the final stages of plate-making. As such, each 'AA' from the eleven different plates are unique.

A 224-page book, the *Guide Lines to the Penny Black*, by P.C. Litchfield, provides information on plating the thousands of different Penny Blacks.

Figure 3
Coil boxes (with 10 rolls) showing end of box.
Top: 50¢ Flower; Bottom: $1.15 Flower

Figure 4
Coil box of 10 rolls of 100 stamps per roll = 1,000 stamps. (Permanent™, Scott 2187)

Figure 5
Box of 10 boxes, each having 10 rolls of 100 stamps.
[10 boxes x 10 rolls per box x 100 stamps per roll = 10,000 stamps]
(51¢ Flower, Scott 2128)

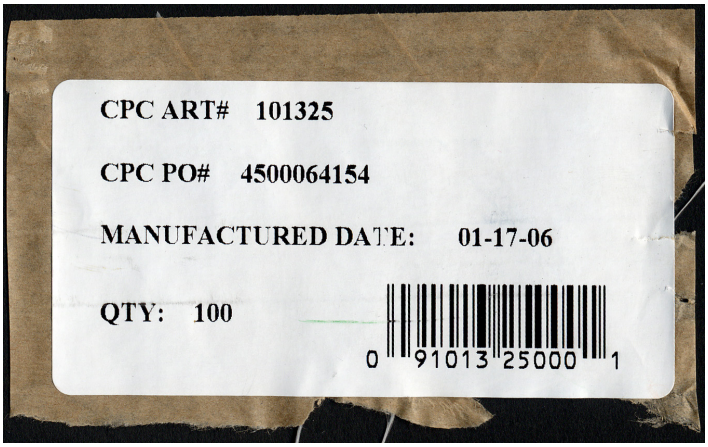


Figure 6
Label from coil box containing 100 rolls. (51¢ Flower, Scott 2128)

Die Cutting

How is the die cutting mat of 10x10 stamps assembled? I don't have a definitive answer to this, but, based on the study and careful alignment of 10 complete strips of 10 stamps each (aligned perfectly from one coil strip to the next one adjacent to it) it shows that the peaks and valleys are, in most cases, very inconsistent.

From analyzing these inconsistent peaks and valleys, it would seem that a narrow strip of flat metal (which must be extremely sharp on one edge to produce the necessary cutting into the stamps) is bent over and over into itself, like an accordion (a somewhat irregular sinusoidal, or wavy pattern). The strip is then pulled apart and attached to some underlying structure. Except for the very first die cutting mat produced for the Leaf stamps, small "nibs" are created every few peaks/valleys, likely by punching into the metal strip. When the stamps are die cut, the spots where these "nibs" have been punched are not cut through, allowing individual stamps to stay joined to the stamp above or below it. This keeps the stamps "together" when they are rolled and wound onto the inner cardboard core. The first Leaf printing (80¢ and $1.40) did not have these "nibs"; viewing rolls of these stamps shows how easy it is for individual stamps to lift from the backing paper.

This process of taking a flat strip of metal and bending it like an accordion is repeated for the 11 strips of die cutting required to produce a 10x10 die cutting mat. From a philatelist's viewpoint, there appears to be no concern given to any exact care in this process, although I am sure the skilled technician who is creating the die cutting mat thinks otherwise.

It is the lack of perfect repeatability of the bends in the wavy die cutting metal strips during manufacture that results in a unique signature, like individual fingerprints, on each and every stamp in the 10x10 die cutting mat matrix.

After some length of usage (i.e. the die cutting of tens or hundreds of thousands of stamps), the sharp edge used to cut into the stamps becomes dull. Due to the curved, accordion-looking nature of the strip of metal die cutting, it is likely *not* possible to re-sharpen this edge. As such, a new die cutting mat must be made. Again, due to the "inconsistent" manufacturing process, each new strip of die cutting metal is different from any other that has been made.

Since the first Leaf coils were printed by Lowe-Martin in 2004, a possible nineteen different die cutting mats of 10x10 stamps each have been identified! Until 2011, a new die cutting mat had appeared about every 5 or 6 months. In two cases, the die cutting mat has been *inverted* in relation to itself to print other stamps! In at least one other case, a previously used and "discarded" die cutting mat has been re-employed for a short time.

Purchasing, and studying mint sets, of 10 strips (or full rolls) from a post office-fresh box is the easiest way to get a full 10x10 die cutting mat pattern ... and then produce a chart that can be used for plating purposes. Be forewarned that it is possible to have a box of 10 rolls which has duplicate rolls. It takes several minutes to attempt to align all 10 rolls in a box; what a sight that must be to other postal customers when they watch me (I make sure I have a complete set of rolls that align correctly before buying). See "Visiting a Post Office" on page 5 for more details and tips on this process.

Philatelic History

When did collectors start to realize what was going on with the Lowe-Martin produced coils?

As noted earlier, the first Lowe-Martin produced coils with the serpentine die cutting, 80¢ and $1.40 Maple Leaf designs, were released in September 2004.

The November-December 2004 issue of the *Corgi Times* (the premier journal for reporting of most new discoveries on Canada's Elizabethan-era stamps, a bi-monthly journal of The Elizabethan II Study Group of BNAPS) reports that the 80¢ and $1.40 rolls can be found rolled in two different directions.

Shortly after the 50¢/85¢/$1.45 Flower coils had been released, I discovered the "ski slope" constant variety on the 50¢ value at a post office near me (Figure 7). This was reported in the January-February 2005 *Corgi Times*. It would take another month or so to determine that the variety occurred on the other two values and was truely constant (available across Canada, based on personal conversations with other collectors in Alberta and Ontario).

It wasn't until the March-April 2005 *Corgi Times* that it was reported that the die cutting on the Flower coils was quite variable from row to row and stamp to stamp, and that there was "more than meets the eye"

with these stamps. In this same issue of *Corgi Times*, the "ski slope" variety was also reported and illustrated on all three Flower coils.

The May-June 2005 *Corgi Times* reported inscription changes on the Flower coils as well as a printer-name variety and start/end strip die cutting varieties.

It was not until the July-August 2005 *Corgi Times* that it was noted that the 80¢ and $1.40 Maple Leaf coils had "variable die cutting" like the Flowers and that the "ski slope" variety might just exist on the earlier stamps as well. The following issue of *Corgi Times* (September-October 2005) reported and illustrated the "ski slope" variety on the 80¢ Maple Leaf coil. We could now confirm that the die cutting equipment used by Lowe-Martin was used on different coils and different stamp issues.

The January-February 2006 *Corgi Times* reported (and illustrated) different "wrappers" used on the first series of Flower coils.

Different placements of the inscriptions in the gutters of the 51¢, 89¢, $1.05 and $1.49 Flowers were discussed and illustrated in the May-June 2006 *Corgi Times*.

The November-December 2006 *Corgi Times* illustrated the die cut anomalies from the Permanent™ coil (Pattern # 9).

The "compound" die cut from Pattern # 7 on the 51¢/$1.05, along with the inverted die cutting on the

Visiting a Post Office

Here is what I do when I visit a post office in my travels. This technique may work for you.

It does take a bit of "educating" of your local post office. The more visits you make to the same location, the better they will get to know you and will perhaps provide you with better "philatelic" service. With that said, you should be able to visit any post office and do the following. By the way, I try to avoid long lines as the clerk may not be as receptive to your "stamp collecting" questions if they seem too busy.

My conversation goes something like the following:

[I may precede my questions on coil boxes with other "stamp collecting" type questions, to let the clerk know that I am a stamp collector. This could include "do you have the latest quarterly pack of stamps", and perhaps say you will "buy one" — that gives the clerk the idea that you are not going to waste their time.]

"Your coil/roll stamps are shipped to you in brown boxes, with 10 rolls per box. On the end of the box is a white label that indicates the date of packaging, amongst other things. Do you have any boxes with a box dated after <some date>?"

If they give you a questionable look as if they are not familiar with the "brown boxes", you could add that their stock is likely locked up in a safe. You may have stumbled upon a clerk who is new or in training and may not yet be familiar with how these stamps are stored.

I have never come across a clerk who refused to take the time to see what boxes they have.

Sometimes a clerk will look at their stock and simply answer "no, our boxes are dated <date>", with some date older than what you are looking for. That is fine, maybe in a couple of weeks on your next visit they will have received a new shipment.

Most often, the clerk will bring out the boxes from the safe and show them to you. "Can I please look at a roll?", I ask, reaching for the box. Sometimes, if I notice that another person has arrived in line, I will also say "I'll stand off to the side while I look at these."

If the date on the box is much more recent than what I have seen in the past, it is possible that the date represents an entirely new die cutting mat. I look at one or more rolls, and compare them to what has been seen in the past (I may sometimes take along my plating strips from the most recent die cutting pattern). If an entirely new die cutting mat is seen I then "need" to buy the entire box (clerks don't like selling you just 10 stamps from 10 different rolls!). Since you have decided to buy the entire box, you could mention to the clerk your intentions, "I'm am going to buy the entire box but need to ensure that all ten rolls are different (with maybe a brief explanation that the printers have made a change)". However, be aware that it is possible to have two rolls in a box that are from the same column on the printing sheet (rare, but it can happen). You *must* take the time, *before you buy*, to re-assemble the ten rolls in your box to align each roll to a matching roll adjacent to it on either side. This can take several minutes, but is essential if you are going to buy the entire box. (see Figure 4)

If you know that a particular die cutting pattern has a constant variety on one roll then you will want to take the time to find that one roll in the box. At this point you could mention to the clerk that "I will buy one entire roll, but need to find just the right one."

Before I leave the post office with my sale (or lack thereof), I jot down the information seen on the end of the box: product #, date and time, roll #. This is important for comparing notes with other collectors.

What if the clerk questions your "motive" to buying one or more rolls of these stamps. Many times a clerk will ask "what is different with these rolls?" or "are they rare?". I simply answer, "the printer changes the die cutting from time to time and specialist stamp collectors look for these changes". That seems to satisfy the clerk's curiosity.

If you tend to visit the same post office on a regular basis and have built up a good relationship, including buying lots of stamps from them, you could ask if they will save the boxes for you (instead of throwing them in the garbage). This way, you can keep the boxes for your collection. And, share the information with me so that I can share with others!

89¢/Permanent™ rolls were illustrated in the January-February 2007 *Corgi Times*.

A list of reported box labels on the Permanent™, 93¢, $1.10 and $1.55 Flower coils was presented in the September-October 2007 *Corgi Times*, along with a chart summarizing the four different die cut Patterns. The next *Corgi Times* (November-December 2007) included illustrations of different box constructions and "inspection" numbers used on these Flower coils, along with additionally reported box dates.

A "perforation" gauge, suitable for the Lowe-Martin die cutting (range of 5.3 to 10.0), was developed and available for a postage donation. This was announced in the March-April 2008 *Corgi Times* (see page 25 of this article).

The initial version of this particular article (significantly expanded with the copy you are currently reading) was published in the May-June 2009 *Corgi Times*. An updated version appeared in the January-February 2010 *Canadian Philatelist*.

Die Cutting Mats

As noted earlier, a specific die cutting mat is used until it becomes too "dull" to provide the necessary quality required in the production of stamps. The replacement of a die cutting mat occurs at a random point in time, not at the precise time that a new stamp design is in production. As such, stamps from *different series* have employed the same die cutting mat.

The nineteen (so far) different die cutting mats used by Lowe-Martin have each (except for one) been studied and "perfed" by myself. Individual "perforation" charts of each die cutting mat are included in this article. Following are specific highlights from various die cutting mats:

Pattern # 1

Lowe-Martin's first die cutting mat was used only on the 80¢ and $1.40 Leaf stamps. It did not contain any "nibs" between individual stamps. The proof material in the Library and Archives Canada [6] includes die cut "sheets" of 100 stamps (gutter to gutter) of the first three Flower stamps (50¢, 85¢, $1.45). Each of these "press sheets" shows the "nibless" first die cutting mat, however I have not seen issued rolls of these three first-series Flower stamps without nibs.

Pattern # 2

Lowe-Martin must have identified early on that "nibless" die cutting resulted in stamps accidently peeling from rolled stamps. Their second die cutting mat, introduced very shortly after the first Leaf stamps were printed, has "nibs" between the individual stamps, which are still found today. The 80¢ Leaf exists with this second die cutting mat, but not the $1.40 Leaf. There must not have been enough demand for more printings of this higher value before the rate increased to $1.45. This mat though was also used on the first three Flower coils. It is this die cutting mat that has the so-called "ski slope" constant variety, found in the left most roll between stamps 3 and 4 above the gutter (Figure 7) [7].

Figure 7
Ski slope variety on 85¢ Flower
Ski bump variety on 51¢ Flower.

Pattern # 4

While creating the charts that follow (late 2008) I came across two strips of the 50¢ Flower that had measurements not found from any of the other two patterns used on the 50¢ value. These were placed into a "pattern 4". Following the publication of this article (fall 2009), additional strips and part strips with this coarser die cutting came to light.

In February 2010 two strips from the $1.45 Flower came to light that are also from Pattern # 4. Previous research had missed that Pattern # 4 existed on anything other than the 50¢ value. A subsequent check of a quantity of *used* 85¢ Flower stamps revealed several examples that have the very coarse die cutting that are from Pattern # 4. One mint strip of 10 of the 85¢ has been verified as coming from Pattern # 4 ... but it is inverted in relation to the 50¢ and $1.45 rolls!

Figure 8
Quarterly Packs (Quarter 1 in each of 2005 – 2008)

Pattern # 4, I believe, will prove to be the scarcest to find of any of the die cutting mats. They certainly were not "purposely" saved by collectors.

We are now 80% complete for mapping this pattern. Your help is requested to find the two other strips that must exist from this pattern.

Pattern # 5 — Quarterly Pack Singles

The single Flower coil stamps supplied in the 2005–2008 quarterly packs (quarter 1 in all cases) are *specially cut* stamps, in that they are die cut entirely through the stamp and backing paper. In order for this to happen a different cutting mat would have had to be prepared. As such, the die cutting measurements found on the single stamps supplied in these quarterly packs are different from any of the corresponding stamps issued in rolls of 50 (or 100).

This was a particularly challenging pattern to reproduce a full plating chart. Since only single stamps are supplied in the quarterly packs, a large number of packs must be purchased to get enough samples to start putting the "puzzle" back together again (a puzzle that has no picture, until now, to compare against!).

My first thoughts were that this die cutting mat produced 100 different single stamps, just like that found on the rolls supplied to post offices. I had a considerable personal "stock", purchased from dozens of packs purchased over the years. I didn't have 100 stamps (or more) at my disposal so I contacted a couple of "stamp" friends, Andrew Chung and Mirko Zatka, who promptly passed along their supply. In addition, I heard that Rick Day of Medallion Stamps had a considerable stock of these. A phone call to him resulted in his stock arriving in the mail a couple of days later.

After 18 hours of studying some 400+ stamps, the pieces finally fell into place. Very surprisingly, there are only 36 different stamps (6 columns by 6 rows each) that comprise the die cutting mat for quarterly pack singles. The first three Flower series (2005, 2006, 2007) all matched into this mat of 36 stamps. The 2008 Flower series had similar perforations as the other quarterly pack singles but the stamps didn't match the pattern. An accidental read of a perforation provided the clue ... the die cutting mat used on the 2008 Flower quarterly pack singles was *inverted* in relation to that used on the previous stamps! Wow! A second surprise.

What happened to the other 64 stamps in the "sheet" of 100 stamps (10x10 = 100 - 36 identifiable positions = 64)? Since the continuous web of paper is "pulled" through the printer and the quarterly pack singles are removed during this process, it would not be possible to remove all 100 stamps as there would not be enough paper remaining to provide the necessary tension on the paper. This is a guess on my part, but it makes sense to me.

Illustrated in Figure 9 is a completed 6x6 "puzzle", comprised of single stamps from several issues. The perforation chart I created has placed this 6x6 pattern in the *middle* of the 10x10 grid — this an assumption on my part.

By the way, the stamps in the third column of stamps in Pattern # 5 (the fourth column in the inverted pattern) have one "nib" between each stamp (near one edge); the other five columns of stamps are "nibless".

The first quarterly pack of 2009 does not include singles of the Olympic coils (the souvenir sheet and booklet singles, however, are included).

Figure 9
Die Cut Pattern 5: Quarterly Pack singles (2005, 2006, 2007 Flowers) at actual size. The 2008 Flowers also have a 6x6 matrix but is inverted compared to this illustration (simply rotate this image 180º).

What about the stamps supplied in the Annual collections? The 2004 Annual collection does not include either of the 80¢ or $1.40 Leaf stamps printed by Lowe-Martin. The 2005 and 2006 Annual collections *do include* the respective Flower singles that match exactly to those found in Pattern # 5. The 2007 and 2008 Annual collection have gummed souvenir sheets as representatives of the Flower stamps, not single stamps from coils.

Pattern # 7

This pattern includes a "ski bump" constant variety (Figure 7). This is similar to, but smaller than the "ski slope" found in pattern # 2.

As noted earlier, all 100 positions on each die cutting mat are unique. The vast majority (perhaps 99%?) all look similar. However, there are some instances where there is a kink or some other flaw in a peak or valley that provides a distinctive feature. The "ski slope" and "ski bump" are two of these (Figure 7).

This pattern (like a couple of others) has a very distinctive "compound" [8] perf. That is, one row of measurements varies from an adjacent row by as much as a full 1½ perf measurement! See Figure 11.

Pattern # 7 can be found on the 51¢ and $1.05 Flowers. It was seen again on two other values (89¢ and the first Permanent™ [51¢] Flower), but this time inverted!

Pattern # 9

Many of the stamps found in column 5 from Pattern # 9 provide some very distinctive characteristics (Figure 10). There are several instances where the metal die cutting must have become broken, as evidenced on the printed rolls (or, were two shorter strips of metal used to form the full length of die cutting?). These result in "split" die cutting.

Figure 10
Pattern 9, column 5

Figure 11
"Compound" perf between stamp rows 6 and 7 (Pattern 7, Column 6)

Figure 12
Complete row of stamps above the gutter from Pattern 10.
Left: Permanent™ Spotted Coral Root (Sc. 2188)
Right: Permanent™ Island Red flowers (Sc. 2244)

Late printings of Sc. 2188 and early printings of Sc. 2244 shared this same die cutting pattern.

Notice that the web of paper is shifted slightly, compared from one stamp to the another (about a full peak).

Pattern # 10

Illustrated in Figure 12 is the first row of stamps above the gutter from two different Flower series that share the same pattern, # 10. A couple of items to note:

* notice how aligning the 10 column of stamps is quite apparent as the peaks and valleys flow from one column to the next

* this is the identical die cutting pattern used on both stamps, but the web of paper was not quite aligned exactly the same. The slitting wheels between each roll of stamps cuts the rolls about a full "peak" difference. In this case it is important to watch the formation of the peaks/valleys and locations of the "nibs" joining adjacent stamps.

Pattern # 12

The individual stamps from Pattern # 12 each have 4 "nibs" joining each adjacent pair of stamps. Why is this important? Because the replacement to this pattern, # 13, only has 3 nibs between each stamp. This is an easy way to differentiate Pattern # 12 and # 13.

Pattern # 13

The individual stamps from Pattern # 13 each have 3 "nibs" joining each adjacent pair of stamps, compare to 4 nibs on the preceding Pattern # 12.

Pattern # 13r

One of the most intriguing Lowe-Martin die cutting varieties is found on this pattern (dubbed "13r").

The ninth row of die cutting (between stamp rows 8 and 9) is from Pattern # 12 while all of the other die cutting rows are from Pattern # 13. See Figure 13.

Pattern # 13 was in use in early April 2009. Sometime in early August 2009 Lowe-Martin must have experienced a problem with the ninth row of die cutting from this pattern and had to replace the entire row. What is truely fascinating is that they replaced this ninth row in Pattern # 13 with the ninth row die cutting metal strip from Pattern # 12 — *the exact same row*. One would think that they could have picked any of the eleven rows of die cutting pieces of metal?

The result is another "compound" perf [8], where the ninth row of die cutting is about a full 1½ gauge different from the adjoining rows.

Permanent™ Olympic stamps from boxes dated mid-August 2009 (and $1.18 Olympic boxes dated in mid-September 2009) have this new replaced ninth row. The 98¢ Olympic appeared with this pattern in early December.

The four new Flower coil definitives released January 11, 2010 all have this same pattern.

For some reason, Pattern # 13r was "re-used" in October 2010, re-appearing on the Permanent™ Flower. This time though, the die cutting was not quite as crisp and clean as seen on the initial printings. The indentations of the die cutting on the October printings appears "wider" when compared to the original printings.

Pattern # 14

From May 2010 to early June 2010 a new pattern was available. This pattern includes

perf 8.10
3 nibs

perf 9.50
4 nibs

perf 7.95
3 nibs

perf 8.10
3 nibs

Figure 13
"Compound" perf between rows 6 and 7
(Pattern 13r, Column 7)

Figure 14
"Bunny slope" variety from Pattern 14.

another "ski slope"-type variety, albeit a bit smaller ... how about the "bunny slope"?

Figure 14 shows this die cut anomaly, a slightly longer downward slope leading into a nib at the bottom of the valley.

Pattern 14 also has several "compound" perfs. In one instance a single stamp has a perf of 9.05/7.95 (see Figure 15) and in another, 7.80/8.75.

Figure 15
"Compound" perf from Pattern 14

Pattern # 15

A new die cut pattern, # 15, appeared in late June, early July 2010. This same pattern was used on an "uncut press panel" of 100 of the 2010 Permanent™ Flower stamp (Scott 2357). specifically released by Canada Post for collectors in September. This is a great "tool" for the specialist collector of Lowe-Martin die cut patterns.

Pattern # 16 — Baby Wildlife

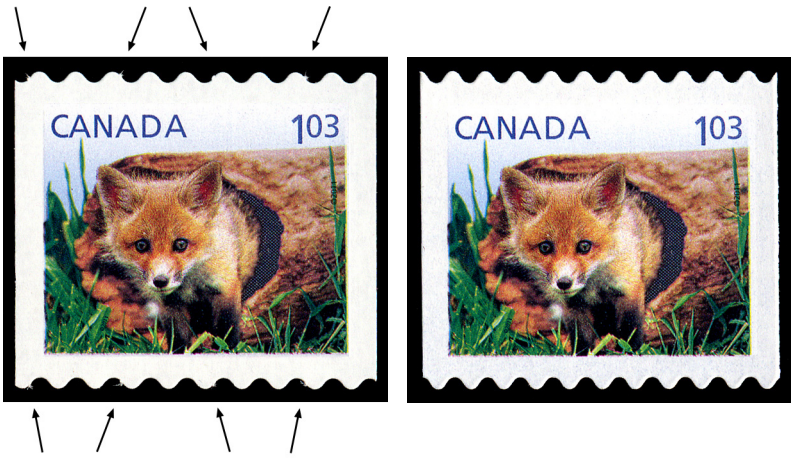
Canada Post introduced a new definitive series, Baby Wildlife, with the 2011 rate-change definitives.

The die cutting on the four new Baby Wildlife rolls *are now more consistent*, with nice "rounded" tips. All of the previous rolls of 50 and 100 stamps produced by Lowe-Martin had inconsistent, "sawtooth-shaped" tips.

The new die cutting is more like the die cutting found on all of the Lowe-Martin produced self-adhesive definitive booklets of 6.

- Coil die cut measurement: 8.15 to 8.50 (with 4 or 5 nibs)
- Booklet die cut measurement: 9.20 (without nibs, starting with a valley)
- Horizontal roll of 5,000: 9.20 (without nibs, starting with peak)

The new coil die cutting can be found with either 4 or 5 "nibs" per stamp. These small "nibs" help keep adjacent stamps adhered together during the manufacturing and distribution processes. Initial reports suggested that the 4-nibs variety came from the first 5 rolls of the press panel while the 5-nibs variety came from the rightmost 5 rolls on the press



Coil (perf 8.15–8.50 with nibs) **Booklet (perf 9.20)**

panel. Further research, however, shows that Pattern 16 comes upright and *inverted* on all four values.
Along with the new definitives, an uncut press panel of 100 of the Permanent™ Arctic Hare design was released on January 17, 2011. Studying this panel allows us to see the full die cut pattern. There are four distinct die cut variations found on any given individual stamp, depending on the column that the die cutting is in. Thus, a single roll of stamps will all contain the same variety.

You will be able to determine the roll (or column) of a given stamp, but not the exact position of the stamp within the roll. Here is a summary of the four different die cut varieties as found on the upright pattern:

- Columns 1–4: four "nibs" per stamp
- Column 5: four "nibs" per stamp with the right most peak being a bit narrower
- Columns 6–9: five "nibs" per stamp
- Column 10: four-plus "nibs" per stamp, with the last nib placed at the top of the right most peak (this last nib may not be visible due to shifting of the roll slitters)

All of the stamps in column 5 include a subtle die cut anomaly in one of the right-hand "peaks". As illustrated at right, this peak is slightly narrower than the others.

Pattern 16: nibs: right, left, right, left with narrow peak at right (col. 5)

Based on this anomaly, I visited my local post office and looked through their stock of Baby Wildlife stamps. I was able to find the desired roll (from a full box of 10) on the Permanent™ Arctic Hare, $1.03 Red Fox, and $1.25 Canada Geese.

Pattern 16 inverted

Finding the narrower "peak" anomaly on the $1.75 Polar Bear roll was a bit more difficult ... it turns out the die cutting, at least on the boxes I was looking at for this stamp, was *inverted* in relation to the other values!

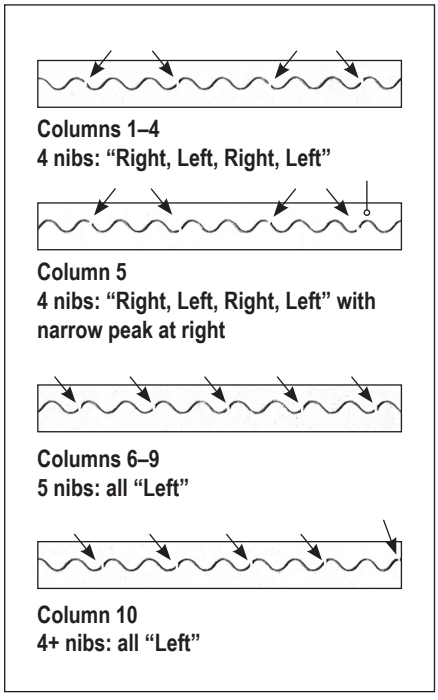
Thus, the $1.75 Polar Bear roll I found gives us a narrower "valley" die cut anomaly, which would fall in column 6 of the larger die cutting mat.

Seems simple enough? Not quite. A study of the Baby Wildlife examples that I purchased on the day of issue shows that *all are Pattern 16 inverted*! Subsequent searches at various post offices showed that the $1.75 also comes "normal".

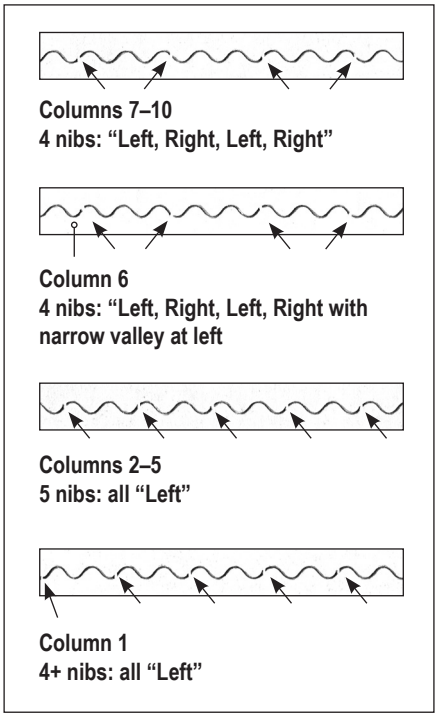
Nibs: Right, Left vs Left, Right

I have used the Arctic Hare uncut press panel in its upright position to designate the pattern 16. Thus, stamps with four nibs placed "right, left, right, left" on the peaks or

Pattern 16 inverted: nibs: left, right, left, right



Pattern 16 die cutting



Pattern 16 Inverted die cutting

with a narrower peak near the right side, are considered Pattern 16. If your stamps with four nibs are "left, right, left, right" on the peaks or with a narrower valley near the left side, these are considered Pattern 16 inverted.

Stamps with five nibs, all on the left side of the peaks, cannot be differentiated between upright or inverted. Perhaps there is some microscopic measuring that could take place to determine this.

Pattern 16:
nibs: left, left, left, left, left

Sunflowers (2011)

The Sunflower coils, issued March 3, 2011, use the same die cutting pattern as the Baby Wildlife – #16, in both upright and inverted.

Of particular interest to collectors of Lowe-Martin coils is the Official FDC for the Sunflower coil stamps. The back of the FDC include details and images of the coil production (see the last page of this document for images).

Baby Wildlife (2012)

The four Baby Wildlife definitives issued January 16, 2012 for the annual rate increase (domestic rate rose from 59¢ to 61¢) have the same die cutting pattern as the previous definitives ... Pattern #16. So far only the upright has been seen.

Boxes of the Permanent™ Raccoon and $1.05 Caribou that appeared in May show pattern 17 and 18 die cutting.

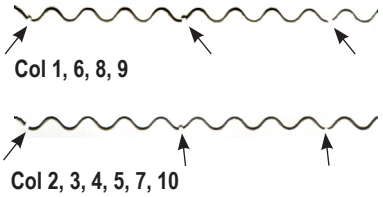
Pattern # 17 *and* 18 — CFL Team Logos

Eight coils were released June 29, 2012 showing the logos of each of the teams in the Canadian Football League (CFL).

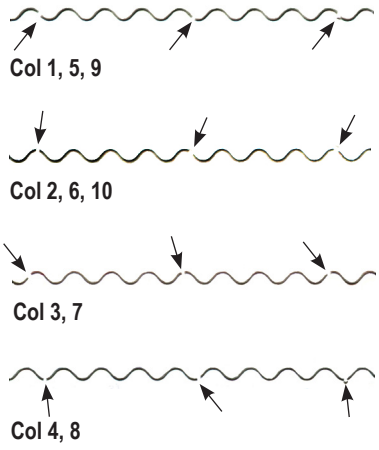
These coils have TWO new die cut patterns (#17 and 18) with each team coming with one or the either.

Pattern 17	Pattern 18
British Columbia	Edmonton
Saskatchewan	Calgary
Winnipeg	Toronto
Hamilton	Montreal

For either pattern, each stamp has only 3 nibs. Pattern 17 has two "types" while Pattern 18 has four "types".



Pattern 17
Saskatchewan, Hamilton, BC, Winnipeg
$1.05 Caribou



Pattern 18
Edmonton, Calgary, Toronto, Montreal
Permanent™ Racoon

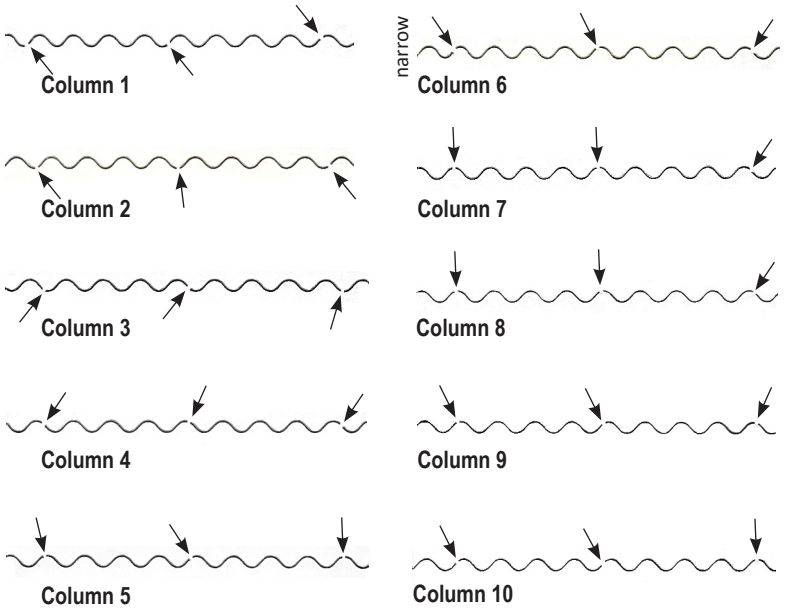
Pattern # 19 — Baby Wildlife

In September 2012 a new 3-nib die cut pattern was introduced. The nib locations for this pattern are different than those seen on Pattern 17 and 18.

The $1.29 Loon was the first stamp to be seen with this pattern. The Permanent™ Raccoons from boxes dated December have this new pattern.

To date all of the 2013-issued serpentine die cut coils of 50 or 100 have this die cutting pattern, including: 2013 Baby Wildlife definitives; 2013 Magnolia stamps (two designs); 2013 NHL Team Logos (seven designs) and denominated Woodchuck issued in December 2013.

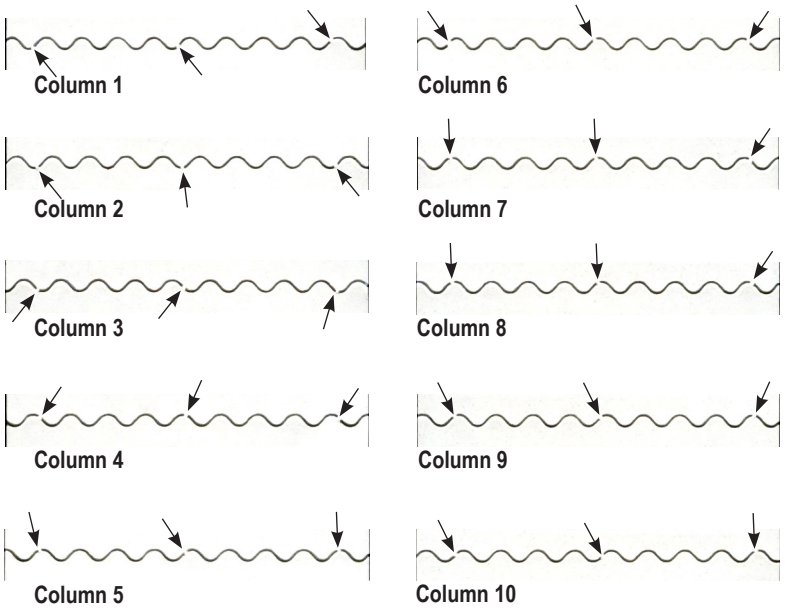
Each of the 10 columns has a different location of nibs and/or different die cut gauge.



Pattern 19

[The leftmost peak of column 6 is narrow. On the inverted die cutting pattern, this appears as the rightmost valley of column 5. In either case, this happens to be the middle 'perf' of the full width of 10 columns of stamps.]

All of the 2013 through 2021 rolls appear to be using the same die cutting pattern as Pattern 19 (with at least the P Beaver stamp also existing with this inverted). This pattern has a very 'consistent' look to it so it is more difficult to determine if it has been replaced.



Pattern 19 (from 2018 Flower stamps)

Superman™

Canada Post issued a roll of 75 self-adhesive Permanent™ (63¢) stamps on September 10, 2013 commemorating the 75th anniversary of Superman™.

The rolls were printed by Lowe-Martin. Each stamp along the roll has a gap between its neighbour. The die cutting is a simulated perforation. These are not serpentine die cuts.

The stamps were distributed in the same kind of boxes as used for the other Lowe-Martin produced coils. There are 10 rolls per box.

This stamp was withdrawn from sale on December 11, 2013 due to Canada Post's announcement (on that date) that postage rates would rise from 63¢ to 85¢ effective March 31, 2014. All Permanent™ stamps were withdrawn on that date. It is expected that they will be back on sale on March 31 and sold at the new 85¢ rate.

$1.00 Burrowing Owl

Canada Post's new postal rate policy, effective March 31, 2014, included a single-letter rate of $1.00 for those items that are hand-mailed at a post office counter that do not have postage.

A $1.00 Burrowing Owl definitive was released specifically for this purpose.

This stamp has the same kind of all-around serpentine die cutting as the Superman™ stamp issued in 2013.

Two subsequent issues in the From Far and Wide definitives (2018 and 2019 issues) have this same 'look and feel'.

Die cut shifts

Measuring Die Cutting

As you study all of the Lowe-Martin produced coil stamps you will find that the die cutting is very, very inconsistent. This is true from one row to the next (i.e. the top of a stamp measures noticeably different from the bottom of the stamp), from one stamp to another, and even across the same stamp! See Figure 16 for an illustration of this.

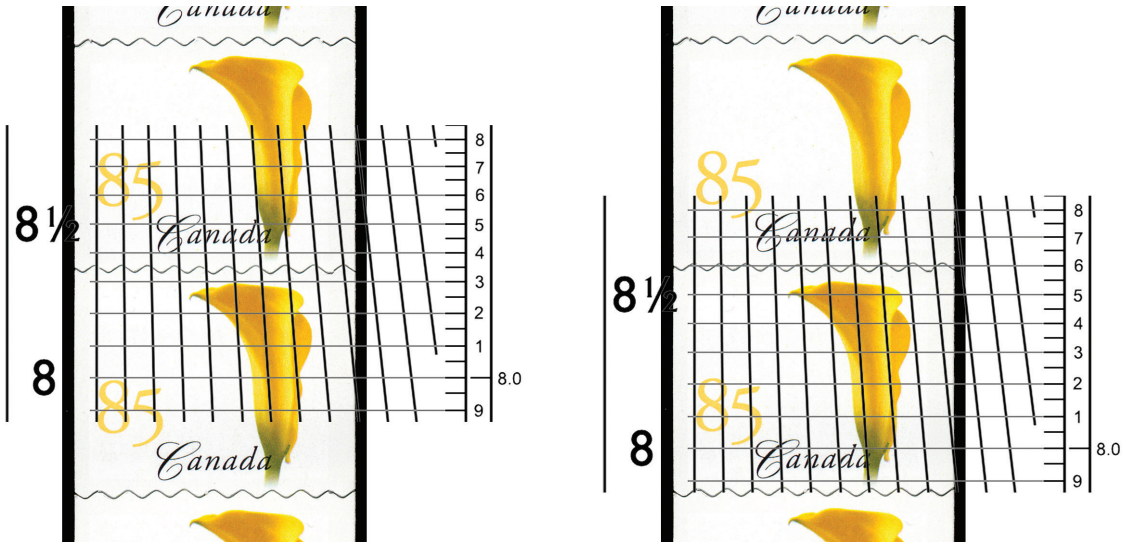


Figure 16
Variable perforation measurement across a stamp.
Left: perf 8.35 from left-most peak to right-most peak.
Right: perf 8.65 across left portion of stamp, then "widens".

With this very inconsistent nature, the measurements you will find in the following charts are based on a simple rule: I have measured from the middle of the first peak at the upper *left* of the stamp to the right most peak at the upper *right* of the stamp. Yes, there are (many) cases where the perf gauge did not align across every peak, but the first and last peak were used to provide the measurement.

As noted earlier and illustrated in Figure 1, the Lowe-Martin coils are printed and serpentine die cut on the same continuous press. If the moving paper in the press shifts even slightly between the time the stamps are printed and before they enter into the die cutting mat area, a minor shift in the die cutting in relation to the stamp design will occur. When the roll of paper then goes to the slitting process (a different machine done days or weeks after the stamps are printed), a visual alignment with the slitting wheels and the stamp design will be made to slit the paper into individual rolls. Be aware that the end result will be an apparent shift in the serpentine die cutting (i.e. peaks and valleys) by as much as one or even two peaks across the die cutting. Measuring the perforation of these stamps can result in a gauge reading that is 0.05 or even 0.10 different from what is shown in the accompanying charts.

Figure 17 shows four examples of the "ski slope" variety on the 50¢ Flower. Notice that the stamp designs are still centered relatively nicely but that the

Figure 17
"Ski slope" variety (indicated by pink dot) showing various shifts in relation to left side of stamp.

"ski slope" appears to have shifted left/right across the stamp.

Plating a Single Stamp

With 19 different die cutting mats, plus a couple that are inverted, and more to come, what do we do with the nearly 6,900 possible stamps? Start "plating" of course!

I am using the word "plate" or "plating" in its historical sense. That is, identifying a specific location of a stamp on a plate. Of course, "plates" were not used in the conventional sense to either print or "perf" these coil stamps, but the end result is the same — identify the one specific location in the die cutting mat of 100 possible locations from a specific pattern.

Variety Position

As noted previously, these stamps are printing in 10 columns across the web. The printing cylinders, tagging, and die cut mat are based on 10 stamps vertically for each roll.

Identifying the exact stamp on the 'plate' of 100 stamps becomes necessary to distribute information to other collectors.

Here is a diagram of this 10x10 stamp grid:

Stamp plating

		COLUMN									
		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
		gutter w/imprint									
ROW dc1	s1										
dc2	s2										
dc3	s3										
dc4	s4										
dc5	s5										
dc6	s6										
dc7	s7										
dc8	s8										
dc9	s9										
dc10	s10										
dc11		*gutter w/imprint*									

start of role

Stamp Features

You will need to study three features of a single stamp in order to "plate" it: the perforation measurement (easy-ish), match the "nibs", and match the unique alignment of the peaks and valleys to an illustration (more difficult).

Plating a single stamp starts by first "perfing" it. Ok, again we are using the term "perfing" in a historical sense; there are no perforations to measure but we are using a perforation gauge to measure the serpentine die cutting.

There are about a dozen of the 6,983 unique positions that can be spotted just by looking at a single stamp. Why? These particular stamps have some kind of abnormality in the die cutting (such as the "ski bump" or certain stamps from Pattern 9, column 5 which has several odd shaped peaks/valleys). The two used stamps from Figure 18 were spotted in an accumulation of about 560 used $1.10 Flower coil stamps simply by looking at odd shapes in the peaks and valleys.

Figure 18
$1.10 Flower: two adjacent stamps from Pattern 9, column 5, rows 2–3.

In some rare cases the perforation measurement of the top and bottom of a single stamp may narrow the possible plate position down to a handful of possible locations. In most cases though, there will still be dozens (or more) possible plate positions. After the "perfing" process, you can either attempt to match the stamp against one you know falls above or below it, match the stamp against mint strips that you have in your collection, or you can match it against an illustration (such as those found in Figure 9 and Figure 10).

Figure 19
$1.10 Flower: used single with attached gutter. Plate position is Pattern 8, column 10, row 10.

Matching a stamp to identify its plate position requires an *exact* match, not one that is "close". I repeat, an *exact* match is required. Sliding one stamp into another (peaks into valleys and valleys into peaks) will help in the process. Trust me, many times you will think the stamp belongs in a certain position but it may not be an exact match at first glance. You will also need to match any "nibs" (if present) to help in identifying the plate position. "Nibs" *will* remain after a stamp is separated from its neighbour (see Figure 2) but may not be readily apparent depending on the handling of the used stamp.

Matching to an illustration would require detailed scans of all 18 die cutting mats ... a project that is still in progress by myself. Most of the patterns (and strips of 10 stamps) have been scanned but they need to be "tweaked" to enhance the die cutting in order to make them useful for publication.

Plating Example # 1

The used $1.10 Flower coil illustrated in Figure 19 has, by chance, a portion of the gutter still attached to the bottom (based on the wavy cut at the very bottom it can be discerned that this is actually the first stamp in the roll, or last depending on how you look at it, rather than being cut from a gutter every 10 stamps).

Figure 20
Permanent™ Flower: used single on piece. Plate position is Pattern 10, column 9, row 2.

A check of the charts that follow shows that the $1.10 Flower coil had two different die cut mat patterns (8 and 9), not counting pattern 5 which is the quarterly pack singles. Having the attached gutter narrows down the possible plate positions from 200 to just 20 — a far easier task. The perf measurement is 8.35 on the top and 8.05 on the bottom. A check of the perforation charts (that follow) shows that one position matches this perf exactly (pattern 8, col. 10, row 10) and a couple of others are close (pattern 8, col. 3 or 4, row 10). A check of the "nibs", and comparing them with mint strips of 10 that comprise my original plating guide, shows that the stamp must come from col. 10, row 10 of pattern 8.

Plating Example # 2

The first example was made easier because it was a positional piece (had an attached gutter) and the denomination only came from two patterns. How about the 2008 Permanent™ stamp, which had three different patterns, all of which are relatively similar in gauge?

The stamp illustrated in Figure 20 (picked completely at random from an accumulation) is from Pattern 10, col. 9, row 2. It *only* took 10 *minutes* to plate it: perf (8.75 at top and 8.80 at bottom), find possible matches from all three patterns and compare the "nibs" against mint strips. Who would take that much time to plate each and every one of their used accumulation? Who would be dumb enough to waste their time? I refuse to answer that question on account that it will get me into trouble!

Who Cares?

Ok, lets be realistic. For the general collector who has a few used stamps lying around, do they care that they are all different based on the die cutting, and then want to find the specific printing and plate position? Probably not.

Do *you*, as a reader of this article, and perhaps a more specialized collector, want to plate your single stamps? Personally, I find this facet of Canadian philately extremely fascinating. I'll keep standing on my "soap box" and try to convert all collectors into wanting to specialize to the nth degree.

Other Areas of Study

In this article we did not discuss tagging. Based on a study of the 561 $1.10 Flower coil stamps alluded to earlier, there were two different types of tagging used on this stamp. Is it possible that the two different die cut mats, combined with the two different types of tagging, resulted in more possible combinations of varieties? Quite likely, but that will have to wait for another day.

Another area of study, which can help to fill in some of the details of these die cut mats, is the coil boxes that have production dates (Figure 3 and see page 39). If you have been saving any of these boxes I would welcome an e-mail from you with the details (product number, production date and time, roll number, etc.) so that I can add them to my database.

Four other areas of study of these Lowe-Martin produced stamps (but not affecting the serpentine die cutting) include: roll separation at start and end, self-adhesive "wrappers" (three different varieties exist on the 50¢ rolls), different types of inscriptions found on certain Flower stamps, and the underprinting found on more recent coils (two types exist on most affected coils).

On-going Study

Study of these stamps is ongoing. The 2024 Unitrade catalogue (Figure 21) continues to provide basic information about the various Lowe-Martin die cutting changes.

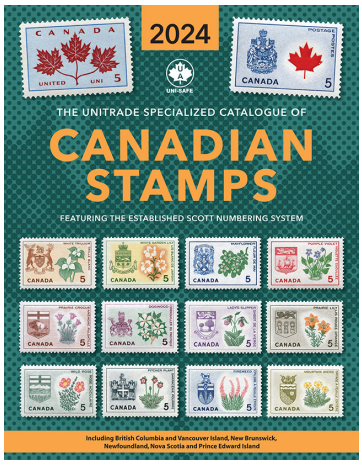


Figure 21
2024 Unitrade Specialized Catalogue of Canadian Stamps

The Elizabethan II Study Group has been publishing on-going information on all of the flower stamps as soon as, and typically before any other source reports (as seen in "Philatelic History" on page 4). I strongly encourage collectors of modern Canadian material to join BNAPS and get a free one-year membership in the ESG (many of the past journals are available for free on-line, at www.adminware.ca/esg).

My own website contains on-going updates to all Elizabethan definitives. I am hoping to provide a searchable database of all flower coils where one can enter the "perforation" of a single stamp and the database will illustrate and plate the stamp for you. This is not going to happen overnight, and may not happen in the next year, but it is a lofty goal to achieve (www.adminware.ca).

Wow. Have fun collecting these 6,983 (and growing) varieties!

Large Rolls

Lowe-Martin's *serpentine* die cutting is limited to the coils produced in rolls of 50 or 100 stamps.

Lowe-Martin has produced nine large coil rolls of 3,000 or 5,000 stamps!

The nineteen stamps from large rolls are:

* Permanent™ Flower (Scott 2244A)
* Permanent™ Olympic, Vancouver 2010 (Scott 2306)
* Permanent™ Olympic, Paralympics (Scott 2307)
* Permanent™ Flower (Scot 2361)
* Permanent™ Arctic Hare (Scott 2425) [also exists *inverted*]
* Permanent™ Racoons (Scott 2505)
* Permanent™ Woodchucks (Scott 2603)
* 63¢ Woodchucks (Scott 2692A)
* Permanent™ Beavers (Scott 2710A)
* Permanent™ St. John's (Scott 3057)
* Permanent™ Hopewell Rocks (Scott 3058)
* Permanent™ MacMillan Provincial Park (Scott 3059)
* Permanent™ Parc national de I'lle-Bonadventure-et-du-Rocher-Perce (Scott 3060)
* Permanent™ Prince Edward Island National Park (Scott 3061)
* Permanent™ Tombstone Territorial Park (Scott 3139)
* Permanent™ Athabasca Falls, Jasper National Park (Scot 3140)
* Permanent™ Quittinirpaaq National Park (Scott 3141)
* Permanent™ Mahone Bay (Scott 3142)
* Permanent™ Little Limestone Lake Provincial Park (Scott 3143)

The die cutting on these nineteen stamps is a **consistent** 9.2 horizontally with *rounded* perf tips (Figure 23) and with*out* nibs. The stamps were released in horizontal rolls (Figure 24 and Figure 25) and the stamps do not touch each other (the same stamp design from vertical rolls of 100 have the inconsistent, "*saw tooth*" and variable serpentine die cutting and the stamps join each other along their top and bottom sides).

The chances of finding a *used* single stamp from one of these large rolls is quite difficult. Non-philatelic usage would be limited to businesses that have the

Figure 22
Stamps from "large rolls"

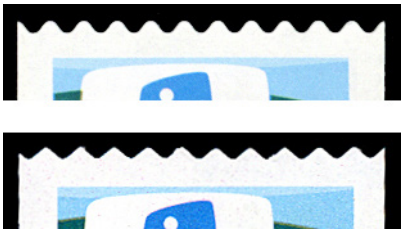


Figure 23
Top: Sc. 2307 (consistent, rounded perfs from large roll)

Bottom: Sc. 2307A (inconsistent, saw tooth perfs from roll of 100)

necessary equipment to apply these stamps to mass mailings.

You must look at the consistency of the "perfs" in order to determine that the stamp comes from one of these large rolls. You can*not* use the "starts with a peak" or "starts with a valley" thought process.

Figure 24
Permanent™ large roll strip of 10

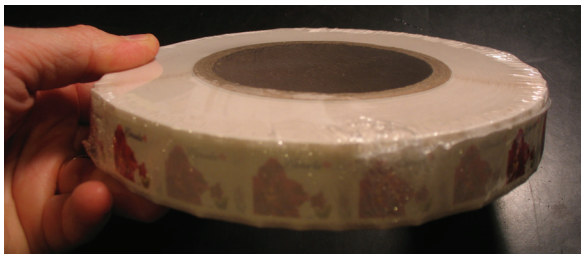


Figure 25
Large roll with shipping box.

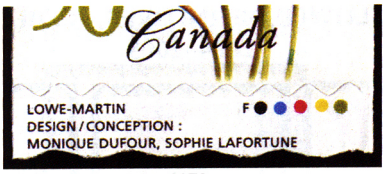
Figure 26
Large roll image of 63¢ Woodchucks (from Canada Post website)

Scott/Unitrade Listings

The Unitrade catalogue has been listing, and modifying its listings, of these Lowe-Martin produced coil stamps for the last several years. Each edition expands and clarifies the listings even further. It is expected that this will continue with future editions.

Shown in Figure 27 is a notation found in the 2006 edition for the first set of Flower coils. Clearly, the new research in the following years has dramatically changed what was known at that time (see Figure 28). As more details of Pattern # 4 become known, this particular listing in the Unitrade will be modified.

430



2072a
Wavy die cut at start of roll

Die cut 8 stamps range from 8 to 9 with variations occurring on the top and bottom of a single stamp. Similarly, die cut 6¾ / 7 stamps can range from 6½ to 7¼ on either the top or bottom. See charts below for possible varieties.

Serpentine Die Cut — First printing (Dec 2004)					
Bottom \ Top	8	8¼	8½	8¾	9
8	x	x	x		
8¼	x	x	x	x	
8½	x	x	x	x	
8¾		x	x		
9				x	

Serpentine Die Cut — Second printing (Feb 2005)				
Bottom \ Top	6½	6¾	7	7¼
6½			x	
6¾	x		x	
7		x	x	x
7¼				

Figure 27
Listing from 2006 Unitrade.

As many as four different die cut patterns were used. The first pattern (with the "ski slope" anomaly; used on all 3 values) has a 'perf' range from 7.75 to 8.90. The second pattern has a 'perf' range of 6.85 to 7.50 (used only on 50¢ and 85¢). A third pattern seen only on the 50¢ is not yet fully plated (6.65–7.00). Every stamp on each of the 100-subject (10x10) die cutting mats is different due to variations occurring on the top and bottom of a single stamp. A fourth mat (6x6, 36-subject) was used for the Quarterly Pack/Annual Collection singles, with a range of 6.45–7.05.

Serpentine Die cut 6.65 to 8.90 Horiz
2004, Dec 20 GT4, Fasson Paper

		NH–VF	⊙F	FDC
2072	**50¢ multicoloured**	1.00	.20	
i	gutter strip of 4 with inscription (F over R)	6.00		
ii	"ski slope" die cut anomaly (between 3rd and 4th stamp above gutter, 1 in 10 rolls)	4.00	1.00	
iii	as 2072ii, in gutter strip of 6 (F over R)	25.00		
iv	imperforate, pair*	100.00		

Figure 28
Listing from 2010 Unitrade.

End notes

1 I will be wearing three different "hats" in this article: Editor of the *Unitrade Specialized Catalogue of Canadian Stamps*, Editor of the *Corgi Times*, the bi-monthly newsletter of The Elizabethan II Study Group (of BNAPS) where the original version of this article first appeared (and subsequently updated here), and a collector who enjoys studying all Canadian stamps, particularly the definitives (that is where the most fun is)

2 The domestic-rate stamps are distributed in rolls of 100; the USA, International and domestic over-size stamps are distributed in rolls of 50.

3 The 2010 Flower coils are from Pattern #13r. A box of Permanent Flowers, dated May 18, 2010 found in Southern Ontario, is from a new pattern (#14). Pattern #15 appeared in July. A new pattern, #16 ... with a more consistent and rounded tips ... appeared in January 2011 with the introduction of a new set of Baby Wildlfie definitives.

Two Sunflower designs appeared March 3, 2011. These have the same consistent die cutting found on the 2011 Baby Animal definitives.

The 2012 Baby Animals definitives, issued January 16, 2012, have the same upright die cutting found on the previous Baby Animal stamps.

Stamps with boxes dated May 2012 (Racoon and $1.05, and CFL Team Logos) have new patterns (17 and 18).

Stamps with boxes dated September 2012 (Racoon and $1.29, 2013 Baby Animals and 2013 Magnolias) have pattern (19). All issues through at least the 2018 Flower stamps *seem* to be using this same pattern.

The 2019 definitives (and flowers) saw an *inverted* pattern 19.

4 Two articles on the 50¢ Calla Lily Flower coil in The Royal Philatelic Society of Canada's bi-monthly journal, *The Canadian Philatelist*, (Sep/Oct 2007, pg 274-283 and Nov/Dec 2007, pg 358-367) stated that the "sheet" was 1,000 subjects. This is incorrect; the printing cylinders and die cutting mat are 100 subjects each (10x10).

5 Terminology from the December 2006 *Coil Line*, journal of the Plate Number Coil Collectors Club.

6 Library and Archives Canada, reference R169 Vol 471, box # 2001524355. Viewed by author November 2008.

7 As with all die cut varieties from Lowe-Martin produced coils, the occurrence of a die cutting variety is 1 per 100 stamps from that particular die cutting mat.

8 By definition, "compound" means *any* perforation measurement that is different on the same stamp (i.e. perf 10½ x 11). So, by this definition, nearly every single Lowe-Martin produced stamp has a compound perforation! As such, for the purposes of this article, a "compound" perforation is one with a significant difference in measurement (i.e. a full 1 or more). Thus, three different Patterns have produced a significant "compound" row of perforations: 7, 13r and 14.

9 Canada Post official first day cover for Sunflowers stamp issue (illustrated on last page of this document).

Thanks

Special thanks to the following for loaning me specific material to study (and proofing): Mirko Zatka (Zatka Philately), Andrew Chung, Rick Day (Medallion Stamps), James Love.

Both Mirko and Rick have selected stock of these stamps (such as quarterly pack singles). Contact information follows:

Medallion Stamps
PO Box 40525 Upper Brant PO
Burlington, ON L7P 4W1
medallionstamps@cogeco.ca

Zatka Philately
PO Box 1181
Calgary, AB T2P 2K9
mjzatka@shaw.ca

Special thanks to the following for passing along "box dates" over the past few years: Earle Covert (AB), Andrew Chung (ON), Clarence Wigmore (BC), Bob Currie (ON), Mike Ratushny (NS), Dudley Nash (QC).

Perforation gauge

All measurements are from the left-most peak to the right-most peak across a single stamp. A shift in the die cutting can result in a difference of measurement to those listed here by as much as 0.05, 0.10 or even 0.15.

The measurements are rounded to the nearest 0.05, which is easy to discern on the gauge I produced, printed by Mirko Zatka, and distributed via the Elizabethan II Study Group for a small donation.

To Canada and USA:

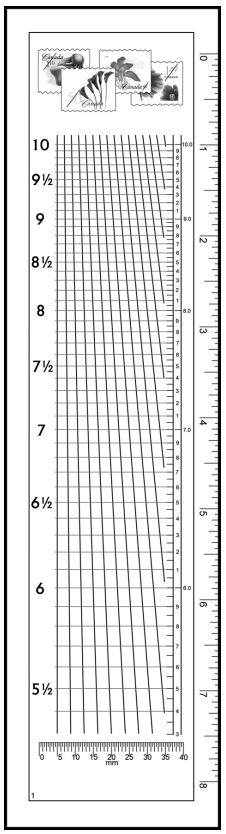
$2.50 in mint Canadian postage stamps and #10 SASE

To International:

$4.10 in mint Canadian postage stamps or cash

Perforation gauge requests should be sent to:

The Editor, *Corgi Times*
P.O. Box 2243
Beausejour, MB R0E 0C0
Canada



Leaf
Sep 2004

2054

2055

Flower: 2005 Series
Dec 20, 2004

2072
Red Calla Lily

2073
Yellow Calla Lily

2074
Purple Dutch Iris

Flower: 2006 Series
Dec 19, 2005

2128
Red Bergamot Blossom

2129
Yellow Lady's Slipper

2130
Pink Fairy Slipper

2131
Himalayan Blue Poppy

Flower: 2007 Series
Nov 16, 2006 (P)
Dec 19, 2006

2187
Spotted Coralroot

2195
Flat-leaved Bladderwort

2196
The Marsh Skullcap

2197
The Little Larkspur

Pattern # 1 (8.00–8.85)
no nibs (also Archive)

Pattern # 2 (7.75–8.90)
Ski slope

Pattern # 3 (6.85–7.50) [2005.02]

Pattern # 4 (6.25–7.40) ????

Pattern # 4i (6.25–7.40)

Pattern # 5 (6.45–7.05, from quarterly packs)

Pattern # 6 (7.00–7.70)

Pattern # 7 (7.20–9.30) [2006.07]
Ski bump, compound (51¢, $1.05)

Pattern # 7i (7.20–9.30) [2006.09]
Ski bump, compound (89¢, P-2187)

Pattern # 8 (7.80–8.75) [2006.10]
P-$1.55

Pattern # 9 (7.85–9.40) [2007.02]
Split mat (P-2187, 93, $1.10)

Pattern # 10 (8.35–9.10) [2007
P, $1.10, $1.55, P-$1.60 [heigh

Timeline

			Leaf (2004)		Flower (2005)			Flower (2006)				Flower (2007)			
Pattern	Perf		80¢ 2054	$1.40 2055	50¢ 2072	85¢ 2073	$1.45 2074	51¢ 2128	89¢ 2129	$1.05 2130	$1.49 2131	P (51¢) 2187	93¢ 2195	$1.10 2196	$1.55 2197
1	8.00–8.85	no nibs	√	√											
2	7.75–8.90	ski slope	√		√	√	√								
3	6.85–7.50				√	√									
4	6.25–7.40				√	√	√								
4inv		invert #4			√										
5	6.45–7.05				√	√	√	√	√	√	√	√	√	√	√
5inv	qtr pack	invert #5													
6	7.00–7.70							√	√	√	√				
7	7.20–9.30	bump, compound						√		√					
7inv		invert #7							√			√			
8	7.80–8.75											√	√	√	√
9	7.85–9.40	splits										√	√	√	
10	8.35–9.10											√		√	√
11	7.90–8.80														
12	8.10–9.60	4 nibs													
13	7.85–8.85	3 nibs													
13r		3/4 nibs													
14	7.90–9.25	bump													
15	7.80–8.70	panel													

Flower: 2008 Series
Dec 27, 2007

2244
Island Red flowers

2245
Janet Elizabeth 'Fire Dancer'

2246
Memoria Evelyn Light

2247
Kaleidoscope 'Conni'

Olympics
Jan 15, 2009
Feb 15, 2009 (98¢)

2307A
Vancouver 2010 emblem

2307B
Paralympic emblem

2308
Miga

2309
Sumi

2310
Quatchi

Flower: 2010 Series
Jan 11, 2010

2357
Striped Coralroot

2358
Giant Helleborine

2359
Grass Pink

2360
Rose Pogonia

Pattern # 11 (7.90–8.80) [2008.04]
P-2244, 96¢ [height of peaks 1.0mm]

Pattern # 12 (8.10–9.60) [2008.07]
P, $1.15, $1.60, all Olympics

Pattern # 14 (7.90–9.25) [2010.05]
P, $1.00, $1.22 Flower

07]
t of peaks 0.8mm]

Pattern # 15 (7.80–8.70) [2010.07]
P, $1.00, $1.22 Flower

Pattern # 13 (7.85–8.85) [2009.04]
Olympic P, 98¢

Pattern # 5i (qtr pack)

Pattern # 13r (7.85–8.85 / 9.35–9.60 in one row) [2009.07]
Olympic P, 98¢, $1.18; 2010 Flowers

	Flower (2008)				Olympic (2009)				Flower (2010)					Variety Count
	P (52¢) 2244	96¢ 2245	$1.15 2246	$1.60 2247	P (54¢) 2307A, B	98¢ 2308	$1.18 2309	$1.65 2310	P (57¢) 2357	$1.00 2358	$1.22 2359	$1.70 2360		
1													1	200
2													2	400
3													3	200
4													4	300
4inv													4inv	100
5													5	396
5inv	√	√	√	√									5inv	144
6													6	400
7													7	200
7inv													7inv	200
8													8	400
9													9	300
10	√	√	√	√									10	700
11	√	√											11	200
12	√		√	√	√	√	√	√					12	700
13					√	√							13	200
13r					√	√	√		√	√	√	√	13r	700
14									√	√	√		14	300
15									√	√	√		15	300

Wildlife: 2011 Series
Jan 17, 2011

2426
Arctic Hare

2427
Red Fox

2428
Canada Geese

2429
Polar Bear

2011 Sunflowers
Mar 3, 2011

2441
Prado Red

2442
Sunbright

Wildlife: 2012 Series
Jan 16, 2012

2506
Racoons

2507
Caribou

2508
Loons

2509
Moose

2012 Daylilies
Mar 1, 2012

2527
Orange

2528
Purple

Pattern # 16 (8.25) [2011.01.17]
P, $1.03, $1.25, $1.75 Animals

Pattern # 16i (8.25) [2011.01.17]
P, $1.03, $1.25, $1.75 Animals; P Sunflowers

Pattern # 16 (8.25) [2012.01.16]
P, $1.05, $1.29, $1.80 Animals

4 or 5-nibs

			Baby Wildlife (2011)				Sunflower			
Pattern	Perf		P 2426	$1.03 2427	$1.25 2428	$1.75 2429	P 2441	P 2442		Variety Count
16	8.15–8.50	panel	√	√	√	√	√	√	16	36
16inv	8.15–8.50	invert #16	√	√	√	√	√	√	16inv	36

			Baby Wildlife (2012)				Daylilies			
Pattern	Perf		P 2506	$1.05 2507	$1.29 2508	$1.80 2509	P 2527	P 2528		Variety Count
16	8.15–8.50	panel	√	√	√	√	√	√	16	36
16inv	8.15–8.50	invert #16	√						16inv	6

CFL Team Logos
Jun 29, 2012

2559
Lions

2561
Stampeders

2563
Blue Bombers

2565
Argonauts

2560
Eskimos

2562
Roughriders

2564
Tiger-Cats

2566
Alouettes

Wildlife: 2013 Series
Jan 14, 2013

2604
Woodchucks

2605
Porcupine

2606
Fawn

2607
Black bear

2013 Magnolias
Mar 4, 2013

2622
Yellow

2623
Violet

3-nibs

			Baby Wildlife (2012)					CFL Team Logos (2012)									Variety Count
Pattern	Perf		P 2506	$1.05 2507	$1.29 2508	$1.80 2509		P BC 2559	P Edm 2560	P Cal 2561	P Sask 2562	P Wpg 2563	P Ham 2564	P Tor 2565	P Mtl 2566		
17	8.25–8.35			√				√			√	√	√			17	10
18			√						√	√				√	√	18	20
19	8.15–8.60		√		√											19	20

			Baby Wildlife (2013)					Magnolias			Variety Count
Pattern	Perf		P 2604	$1.10 2605	$1.34 2606	$1.85 2607		P 2622	P 2623		
19	8.15–8.60		√	√	√	√		√	√	19	60

NHL Team Logos
Sep 3, 2013

2665
Canadiens

2668
Senators

2664
Maple Leafs

2667
Jets

2666
Flames

2663
Oilers

2662
Canucks

Superman
Sep 10, 2013

2678
Superman

Denominated Wildlife
Dec 11, 2013

2692
Woodchucks

			NHL Team Logos (2013)								Woodchucks		Variety Count
Pattern	Perf		63¢ Mtl 2665	63¢ Ott 2668	63¢ Tor 2664	63¢ Wpg 2667	63¢ Cal 2666	63¢ Edm 2663	63¢ Van 2662		63¢		
19	8.15–8.60		√	√	√	√	√	√	√		√	19	80

Wildlife: 2014 Series
Mar 31, 2014

2711
Beavers

2712
Mountain Goat

2713
Atlantic Puffin

2714
Wapiti

2014 Roses
Apr 23, 2014

2728
Maid of Honour

2729
Konrad Henkel

CFL Team Logo
Jun 19, 2014

2754
Redblacks

			Baby Wildlife (2013)				Roses		Ottawa		Variety Count
Pattern	Perf		P 2711	$1.20 2712	$1.80 2713	$2.50 2714	P 2728	P 2729	P 2754		
19	8.15–8.60		√	√	√	√	√	√	√	19	70
19inv			√							19inv	10

NHL Zamboni
Oct 3, 2014

2779
Jets

2780
Senators

2781
Maple Leafs

2782
Canadiens

2783
Canucks

2784
Flames

2785
Oilers

2015 Pansies
Mar 2, 2015

2810
Delta Premium
Pure Light Blue

2811
Midnight Glow

			NHL Zamboni (2014)							Pansies			Variety Count
Pattern	Perf		P Wpg 2779	P Ott 2780	P Tor 2781	P Mtl 2782	P Van 2783	P Cal 2784	P Edm 2785	P 2810	P 2811		
19	8.15–8.60		√	√	√	√	√	√	√	√	√	19	90

All of the above are 3-nibs, likely pattern #19

2016 Hydrangeas
Mar 1, 2016

2897
Hydrangea macrophylla

2898
Hydrangea arborescens

2016 Star Trek
May 5, 2016

2913
U.S.S. Enterprise

2914
Klingon battle cruiser

2017 Daisies
Mar 1, 2017

2977
Showy fleabane

2978
Lakeside daisy

2017 Star Trek
Apr 27, 2017

2985
Galileo

			Hydrangeas		Star Trek		Daisies		Star Trek		Variety Count
Pattern	Perf		P 2897	P 2898	P 2913	P 2914	P 2977	P 2978	P 2985		
19	8.15–8.60		√	√	√	√	√	√	√	19	70

From Far and Wide [1]: 2018 Series
Jan 15, 2018

3062
St. John's

3063
Hopewell Rocks

3064
MacMillan

3065
l'Île-Bonaventure

3066
Prince Edward Island

3067
Point Pelee

3068
Nááts'jhch'oh

3069
Arctic Bay

2018 Lotuses
Mar 1, 2018

3088
Sacred lotus

3089
American lotus

			From Far and Wide								Lotuses			Variety Count
Pattern	Perf		P	P	P	P	P	$1.20	$1.80	$2.50	P	P		
19	8.15–8.60		√	√	√	√	√	√	√	√	√	√	19	100

From Far and Wide [2]: 2019 Series

Jan 14, 2019

3144
Tombstone

3145
Athabasca Falls

3146
Quttinirpaaq

3147
Mahone Bay

3148
Little Limestone Lake

3150
Smoke Lake

3151
Mingan Archipelago

3152
Iceberg Alley

2019 Gardenia

Feb 14, 2019

3167
Rose background

3168
Green background

			From Far and Wide								Gardenia			Variety
Pattern	Perf		P 3144	P 3145	P 3146	P 3147	P 3148	$1.29 3150	$1.90 3151	$2.65 3152	P 3167	P 3168		Count
19inv	8.15–8.60		√	√	√	√	√	√	√	√	√	√	19inv	100

From Far and Wide [3]: 2020 Series

Jan 13, 2020

3212
Abraham Lake

3213
Athabasca Sand Dunes

3214
Herschel Island

3215
French River

3216
Îles de la Madeleine

3217
Kootenay National Park

3218
Swallowtail Lighthouse

3219
Cabot Trail

2020 Dahlia

Mar 2, 2020

3235

3236

19inv?

2021 Crabapples

Mar 1, 2021

3282

3283

2022 Calla

Mar 1, 2022

3320

3321

2023 Ranunculus

Mar 1, 2023

3373

3374

Die Cutting Pattern Gauges

1

2004 Leaf (no nibs)

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.60	8.20	8.10	8.00	8.10	8.25	8.30	8.30	8.05	8.20
R2	8.45	8.30	8.20	8.15	8.20	8.20	8.25	8.25	8.25	8.30
R3	8.80	8.65	8.70	8.85	8.70	8.55	8.65	8.50	8.55	8.65
R4	8.55	8.50	8.45	8.65	8.60	8.65	8.55	8.55	8.70	8.90
R5	8.50	8.35	8.20	8.30	8.15	8.10	8.20	8.20	8.25	8.30
R6	8.40	8.30	8.10	8.20	8.15	8.20	8.20	8.20	8.35	8.55
R7	8.40	8.25	8.25	8.25	8.40	8.55	8.55	8.75	8.55	8.70
R8	8.50	8.35	8.40	8.45	8.45	8.45	8.30	8.50	8.50	8.65
R9	8.55	8.50	8.20	8.20	8.30	8.40	8.40	8.35	8.40	8.45
R10	8.45	8.30	8.25	8.25	8.20	8.20	8.25	8.30	8.20	8.35
	8.50	8.40	8.40	8.20	8.20	8.25	8.35	8.30	8.10	8.10

no nibs; (die cutting also viewed at Archives on 2005 Flower coils)

2

2004 Leaf/2005 Flower

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.20	8.15	8.15	8.35	7.75	8.15	8.25	8.50	8.00	8.60
R2	8.30	8.65	8.45	8.15	8.05	8.35	8.75	8.50	8.20	8.55
R3	8.50	8.50	8.55	8.40	7.85	8.20	8.50	8.40	8.30	8.00
R4	8.45	8.65	8.45	8.20	8.50	8.50	8.40	8.60	8.25	8.45
R5	8.45	8.75	8.60	8.60	8.05	8.10	8.30	8.10	7.90	8.25
R6	8.50	8.60	8.40	8.40	7.90	8.45	8.45	8.35	8.20	8.50
R7	8.55	8.70	8.20	8.50	8.40	8.50	8.45	8.00	7.90	8.25
R8	ski	8.80	8.55	8.40	8.15	8.25	8.20	8.15	7.75	8.45
R9	8.55	8.65	8.00	8.20	8.35	8.50	8.50	8.30	8.45	8.50
R10	8.50	8.80	8.25	8.65	8.90	8.75	8.80	8.60	8.35	8.80
	8.35	8.60	8.30	8.25	8.50	8.75	8.10	7.90	8.20	8.90

"ski slope" at C1/R8

3

2005 Flower

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	7.05	7.20	7.30	7.35	7.35	7.35	7.30	7.35	7.35	7.35
R2	7.30	7.30	7.35	7.30	7.30	7.20	7.20	7.30	7.30	7.40
R3	7.15	7.30	7.35	7.30	7.30	7.30	7.30	7.20	7.30	7.30
R4	6.95	7.25	7.35	7.45	7.40	7.40	7.30	7.35	7.30	7.40
R5	7.15	7.40	7.40	7.35	7.35	7.40	7.30	7.35	7.40	7.50
R6	7.10	7.35	7.35	7.40	7.35	7.35	7.30	7.35	7.40	7.40
R7	6.85	7.30	7.35	7.30	7.30	7.25	7.20	7.25	7.30	7.25
R8	7.10	7.30	7.35	7.35	7.35	7.20	7.20	7.25	7.35	7.35
R9	6.95	7.25	7.30	7.30	7.20	7.30	7.20	7.20	7.35	7.30
R10	7.05	7.30	7.35	7.30	7.20	7.30	7.30	7.35	7.30	7.35
	7.15	7.30	7.40	7.35	7.35	7.35	7.25	7.30	7.40	7.35

4

2005 Flower

	50b 1.45j		50b 1.45j	1.45r 50r	50a 1.45j	1.45a	1.45m	1.45m		50a
R1	6.30		6.75	6.80	7.00	6.90	6.95	6.90		
R2	6.90		6.90	6.95	7.00	6.90	7.00	6.80		
R3	6.35		6.75	6.90	6.65	6.80	6.95	6.95		
R4	6.45		6.95	6.80	6.70	6.85	6.80	6.85		
R5	6.80		6.85	6.75	6.70	6.70	6.65	6.90		
R6	6.95		7.00	6.85	6.80	6.85	6.90	6.80		
R7	7.05		6.85	6.75	6.60	6.65	6.85	6.70		
R8	6.50		6.80	6.60	6.75	6.75	6.75	6.75		
R9	7.00		6.80	6.50	6.60	6.90	6.80	7.00		
R10	6.55		6.55	6.55	6.70	6.80	6.80	6.85		
	7.25		7.25	7.40	7.30	7.40	7.30	7.30		

Further study required for this pattern (F over O)
$1.45 rolls from column 1 would have "Lowe..." inscription while col 2–10 would have "0Lowe..." inscriptions

4i

2005 Flower (#4 inverted)

R1	7.35									
R2	6.90									
R3	7.00									
R4	6.80									
R5	6.80									
R6	6.80									
R7	6.95									
R8	6.85									
R9	7.00									
R10	6.90									
	6.95									

Further study required for this pattern (F over O)

5 2005/2006/2007 Flower (Quarterly Packs)






	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1										
R2										
R3			6.75	6.75	6.75	6.70	6.65	6.65		
R4			6.75	6.85	6.80	6.90	6.85	7.05		
R5			6.55	6.70	6.85	6.75	6.80	6.70		
R6			6.60	6.90	6.70	6.75	6.80	6.75		
R7			6.75	6.70	6.90	7.00	6.85	6.75		
R8			6.50	6.85	6.65	7.05	6.85	6.55		
R9			6.95	6.85	6.85	6.80	6.85	6.45		
R10										

"nibs" in C5





The location of the 6x6 pattern #5 (quarterly pack singles) has been placed in the middle of the 10x10 grid — this is an assumption on my part.

5i 2008 Flower (Quarterly Packs) (#5 inverted)




	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1										
R2										
R3			6.50	6.80	6.85	6.85	6.85	6.90		
R4			6.55	6.85	7.05	6.70	6.85	6.55		
R5			6.75	6.85	7.00	6.95	6.75	6.80		
R6			6.75	6.80	6.75	6.90	6.75	6.65		
R7			6.70	6.80	6.80	6.90	6.75	6.60		
R8			7.05	6.85	6.90	6.85	6.85	6.85		
R9			6.70	6.65	6.75	6.80	6.80	6.75		
R10										

"nibs" in C6

6 2006 Flower




	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	7.70	7.45	7.40	7.50	7.55	7.40	7.55	7.50	7.45	7.25
R2	7.50	7.45	7.45	7.45	7.50	7.50	7.55	7.55	7.35	7.35
R3	7.60	7.45	7.55	7.45	7.40	7.50	7.50	7.45	7.40	7.40
R4	7.50	7.40	7.45	7.45	7.40	7.50	7.50	7.50	7.50	7.35
R5	7.55	7.60	7.40	7.70	7.50	7.50	7.40	7.40	7.25	7.45
R6	7.60	7.40	7.25	7.20	7.35	7.45	7.50	7.45	7.55	7.25
R7	7.70	7.40	7.35	7.40	7.50	7.50	7.40	7.50	7.45	7.00
R8	7.50	7.30	7.25	7.40	7.50	7.60	7.65	7.50	7.35	7.25
R9	7.15	7.30	7.55	7.70	7.40	7.30	7.50	7.35	7.35	7.40
R10	7.40	7.40	7.40	7.55	7.35	7.60	7.50	7.45	7.70	7.10
	7.35	7.40	7.45	7.45	7.45	7.40	7.50	7.30	7.40	7.60

7 2006 Flower (ski bump, compound)


	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	9.10	8.80	8.70	8.70	8.60	8.75	8.70	8.75	8.85	8.65
R2	8.20	8.50	8.30	8.10	8.45	8.60	8.50	8.40	8.00	8.20
R3	7.55	7.50	7.65	7.80	7.80	8.00	8.10	8.20	8.20	8.30
R4	8.10	7.95	8.00	7.95	8.10	8.20	8.15	8.10	8.05	7.85
R5	8.00	8.00	8.00	7.90	7.70	7.90	8.05	7.90	7.85	8.00
R6	8.60	9.25	9.25	8.90	8.75	9.30	8.90	8.65	8.40	8.70
R7	*7.40*	*7.40*	*7.40*	*7.45*	*7.45*	*7.40*	*7.50*	*7.45*	*7.40*	*7.20*
R8	8.60	8.65	8.90	9.30	9.20	8.95	8.95	9.05	9.20	8.90
R9	8.10s	8.50	8.00	8.10	7.80	8.30	8.30	8.10	8.10	8.55
R10	8.45	8.20	8.05	8.20	8.00	8.10	7.95	7.90	7.90	7.90
	8.35	8.15	8.25	8.40	8.25	8.00	8.10	8.15	7.95	8.05

"ski bump" at C1/R9

7i 2006 Flower (#7 inverted) (ski bump, compound)


	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.05	8.00	8.20	8.10	8.00	8.25	8.45	8.25	8.15	8.30
R2	7.90	7.90	7.90	7.90	8.05	8.00	8.20	8.10	8.25	8.45
R3	8.55	8.10	8.10	8.25	8.35	7.80	8.10	7.90	8.40	8.10s
R4	8.95	9.20	9.05	8.95	9.00	9.20	9.30	8.90	8.60	8.55
R5	*7.20*	*7.40*	*7.45*	*7.50*	*7.35*	*7.40*	*7.40*	*7.40*	*7.40*	*7.40*
R6	8.75	8.45	8.70	8.85	9.30	8.70	8.85	9.30	9.30	8.65
R7	8.00	7.85	7.95	8.10	7.90	7.70	7.95	7.95	8.00	8.00
R8	7.80	8.00	8.15	8.15	8.15	8.10	7.95	7.95	7.95	8.10
R9	8.25	8.20	8.25	8.10	7.95	7.80	7.80	7.65	7.50	7.50
R10	8.15	8.05	8.40	8.55	8.60	8.40	8.15	8.30	8.50	8.15
	8.65	8.80	8.75	8.65	8.65	8.55	8.70	8.70	8.80	9.15

"ski bump" at C10/R3

8

2007 Flower

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.55	8.00	7.90	8.20	8.30	8.50	8.35	8.15	8.45	8.05
R2	8.45	8.05	8.50	8.45	8.60	8.75	8.70	8.70	8.20	8.20
R3	8.15	8.25	8.20	8.05	8.10	8.15	8.30	8.20	8.30	8.15
R4	8.40	7.85	7.80	8.15	8.45	8.45	8.40	8.20	8.30	8.20
R5	8.35	8.10	8.00	7.90	8.30	8.20	8.55	8.55	8.40	8.25
R6	8.50	8.45	8.55	8.45	8.30	8.25	8.25	8.35	8.05	7.85
R7	8.00	8.05	7.90	8.25	8.20	8.55	8.50	8.45	8.40	8.70
R8	8.40	8.55	8.50	8.50	8.20	8.25	8.50	8.45	8.25	8.20
R9	8.30	8.35	8.45	8.35	8.00	8.40	8.50	8.30	8.05	8.25
R10	8.50	8.35	8.30	8.35	8.75	8.65	8.20	8.15	8.20	8.35
	8.40	7.95	8.00	8.10	7.90	7.95	8.10	8.30	8.00	8.05

9

2007 Flower ("split cuts")

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.90	8.60	8.55	8.55	8.15	8.40	8.50	8.55	8.40	8.60
R2	8.25	8.30	8.35	8.60	8.20	8.55	8.80	8.90	9.10	8.80
R3	8.25	8.00	8.00	8.00	7.85	8.00	8.25	8.10	8.25	8.15
R4	8.60	8.55	8.50	8.45	8.70	8.80	8.85	9.00	9.10	8.85
R5	8.50	8.35	8.45	8.60	8.80	9.00	8.80	8.65	8.90	8.70
R6	8.60	8.35	8.45	8.55	8.55	8.80	8.90	9.00	8.90	8.65
R7	9.40	9.20	8.90	8.90	8.65	8.80	8.45	8.45	8.30	8.50
R8	8.30	8.30	8.30	8.30	8.80	9.05	9.05	9.05	8.95	8.85
R9	8.60	8.55	8.35	8.65	8.50	9.20	9.40	9.20	9.05	9.10
R10	8.15	8.20	8.20	8.05	8.00	8.20	8.20	7.95	8.15	8.15
	8.60	8.50	8.40	8.60	8.35	8.65	8.80	9.05	8.90	8.85

A few stamps from column 5 have "split" die cuts.

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2007/2008 Flower (0.8mm peaks)

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.45	8.45	8.45	8.35	8.50	8.45	8.50	8.50	8.60	8.55
R2	8.85	8.90	8.90	8.95	9.00	9.00	9.00	9.00	9.05	9.05
R3	8.65	8.70	8.65	8.55	8.55	8.75	8.80	8.70	8.75	8.95
R4	8.60	8.90	8.90	8.60	8.75	8.75	8.60	8.70	8.80	8.90
R5	8.75	8.75	8.65	8.55	8.70	8.70	8.60	8.65	8.70	8.70
R6	8.75	8.90	8.95	8.90	8.90	9.00	8.90	8.95	9.00	9.00
R7	8.70	8.70	8.65	8.65	8.65	8.90	8.85	8.70	8.70	8.80
R8	8.90	8.90	9.00	8.95	8.85	8.90	8.70	8.80	8.90	8.65
R9	8.70	8.80	8.85	8.75	8.70	8.70	8.80	8.85	8.75	8.80
R10	8.70	9.00	8.95	8.95	8.80	9.00	9.00	8.95	9.00	8.95
	8.85	9.00	8.90	9.05	9.00	9.05	9.05	9.10	9.05	9.10

11

2008 Flower (1.0mm peaks)

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.20	8.20	8.25	8.20	8.15	8.10	8.20	8.20	8.10	8.10
R2	8.70	8.75	8.50	8.55	8.50	8.50	8.55	8.50	8.65	8.50
R3	8.80	8.45	8.50	8.45	8.40	8.50	8.45	8.55	8.50	8.45
R4	8.40	8.35	8.40	8.45	8.30	8.30	8.20	8.35	8.35	8.60
R5	8.65	8.75	8.65	8.60	8.55	8.65	8.65	8.70	8.60	8.50
R6	8.45	8.45	8.40	8.40	8.35	8.30	8.30	8.25	8.35	8.35
R7	8.70	8.75	8.70	8.55	8.65	8.60	8.70	8.75	8.80	8.75
R8	8.15	8.45	8.45	8.35	8.20	8.25	8.45	8.35	8.35	8.55
R9	8.80	8.70	8.70	8.75	8.70	8.60	8.70	8.60	8.65	8.75
R10	7.95	8.15	8.10	8.05	7.95	7.95	8.10	8.05	8.00	7.90
	8.20	8.40	8.35	8.30	8.40	8.40	8.40	8.45	8.45	8.50

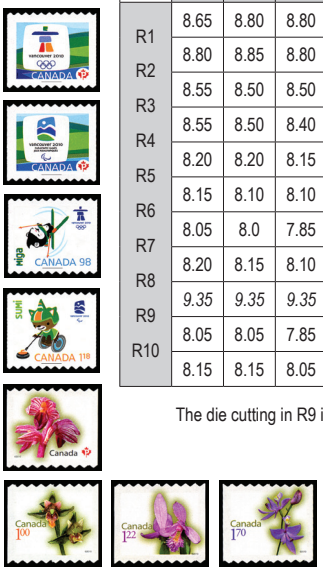
12 2008 Flower/2009 Olympic (4 nibs)

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.10	8.10	8.25	8.20	8.30	8.25	8.25	8.25	8.30	8.30
R2	9.20	9.35	9.25	9.20	9.15	9.20	9.25	9.30	9.30	9.35
R3	8.65	8.55	8.65	8.70	8.70	8.60	8.70	8.65	8.70	8.65
R4	*8.15*	*8.10*	*8.15*	*8.15*	*8.20*	*8.35*	*8.25*	*8.20*	*8.15*	*8.15*
R5	9.00	8.90	8.80	8.80	8.90	9.05	9.10	9.05	9.00	9.00
R6	8.80	8.70	8.50	8.60	8.55	8.55	8.60	8.65	8.55	8.60
R7	9.40	9.35	9.40	9.35	9.25	9.35	9.30	9.25	9.40	9.50
R8	9.20	9.00	9.05	8.90	9.05	9.10	9.10	9.10	9.10	9.00
R9	9.35	9.35	9.35	9.30	9.40	9.45	9.50	9.40	9.45	9.60
R10	8.80	9.00	8.80	8.80	8.95	8.90	8.90	8.95	8.80	9.00
	9.20	9.30	9.00	9.05	9.05	9.00	9.15	9.10	9.20	9.25

13 2009 Olympic (3 nibs)

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.65	8.80	8.80	8.75	8.75	8.75	8.85	8.80	8.80	8.80
R2	8.80	8.85	8.80	8.80	8.70	8.70	8.80	8.85	8.85	8.70
R3	8.55	8.50	8.50	8.45	8.50	8.65	8.55	8.60	8.60	8.65
R4	8.55	8.50	8.40	8.55	8.60	8.50	8.60	8.65	8.50	8.60
R5	8.20	8.20	8.15	8.10	8.15	8.20	8.20	8.20	8.15	8.25
R6	8.15	8.10	8.10	8.10	8.15	8.15	8.20	8.20	8.15	8.20
R7	8.05	8.00	7.85	8.10	8.10	8.15	8.15	8.15	8.25	8.30
R8	8.20	8.15	8.10	8.05	8.10	8.15	8.10	8.05	8.10	8.15
R9	8.00	8.05	7.85	8.00	8.10	8.10	8.25	8.20	8.20	8.15
R10	8.05	8.05	7.85	7.90	7.95	8.05	7.95	8.10	8.20	8.10
	8.15	8.15	8.05	8.00	8.10	8.10	8.10	8.00	8.05	8.05

13r 2009 Olympic/2010 Flower (3 nibs / 4 nibs in R9)



	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.65	8.80	8.80	8.75	8.75	8.75	8.85	8.80	8.80	8.80
R2	8.80	8.85	8.80	8.80	8.70	8.70	8.80	8.85	8.85	8.70
R3	8.55	8.50	8.50	8.45	8.50	8.65	8.55	8.60	8.60	8.65
R4	8.55	8.50	8.40	8.55	8.60	8.50	8.60	8.65	8.50	8.60
R5	8.20	8.20	8.15	8.10	8.15	8.20	8.20	8.20	8.15	8.25
R6	8.15	8.10	8.10	8.10	8.15	8.15	8.20	8.20	8.15	8.20
R7	8.05	8.0	7.85	8.10	8.10	8.15	8.15	8.15	8.25	8.30
R8	8.20	8.15	8.10	8.05	8.10	8.15	8.10	8.05	8.10	8.15
R9	*9.35*	*9.35*	*9.35*	*9.30*	*9.40*	*9.45*	*9.50*	*9.40*	*9.45*	*9.60*
R10	8.05	8.05	7.85	7.90	7.95	8.05	7.95	8.10	8.20	8.10
	8.15	8.15	8.05	8.00	8.10	8.10	8.10	8.00	8.05	8.05

The die cutting in R9 is actually the 4-nib die cutting from Pattern 12

14 2010 Flowers

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.30	8.25	8.45	8.35	8.20	8.10	8.40	8.40	8.30	8.30
R2	8.35	8.25	8.40	8.40	8.35	8.45	8.55	8.55	8.60	8.30
R3	8.40	8.40	8.45	8.25	8.35	8.35	8.40	8.50	8.40	8.20
R4	8.70	8.70	8.80	8.65	8.70	8.50	8.60	8.70	8.65	8.70
R5	9.05	8.95	9.20	9.00	8.90	9.15	9.20	9.25	9.00	9.05
R6	8.00	8.20	8.30	8.00	7.90	8.00	7.90	7.95	7.95	8.05
R7	8.10	7.95	7.95	7.90	7.90	7.85	7.85	7.80	7.90	7.80
R8	7.70	7.75	7.85	7.85	7.80	7.70	7.95	8.60	8.80	8.80
R9	8.80	8.85	8.90	8.70	8.75	8.80	8.70	8.65	8.70	8.50
R10	8.65	8.80	8.65	8.70	8.60	8.75	8.65	8.70	8.75	8.80
	8.00[1]	8.10	8.00	8.00	8.00	8.05	8.20	8.35	8.35	8.45

[1] first "nib" is very large (C1/R11)
Horiz pair (R8) at C7–C8 is a 0.65 perf increase.
"Bunny slope" variety (shaded entry); gauge is 8.30 across entire stamp, but is 8.50 up to the anomaly.

15 2010 Flowers

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
R1	8.35	8.35	8.35	8.45	8.20	8.30	8.20	8.20	8.40	8.60
R2	8.50	8.30	8.35	8.40	8.30	8.40	8.50	8.40	8.35	8.45
R3	8.40	8.30	8.30	8.35	8.35	8.30	8.25	8.35	8.45	8.35
R4	8.05	8.10	8.10	8.20	8.25	8.20	8.15	8.15	8.25	8.15
R5	8.05	7.95	7.95	7.95	7.80	7.95	7.95	8.05	8.15	8.10
R6	8.50	8.30	8.25	8.20	8.20	8.15	8.25	8.30	8.25	8.30
R7	8.45	8.45	8.40	8.30	8.25	8.30	8.20	8.30	8.30	8.30
R8	8.35	8.35	8.30	8.30	8.30	8.20	8.35	8.35	8.50	8.70
R9	8.40	8.30	8.25	8.15	8.15	8.15	8.25	8.30	8.25	8.25
R10	8.50	8.40	8.40	8.50	8.30	8.20	8.45	8.40	8.50	8.55
	8.25	8.25	8.25	8.00	8.25	8.30	8.40	8.35	8.35	8.25

Pattern used on Permanent™ Flower press panel

16

	4 nibs Right, Left, Right Left				5 nibs All left*	
	Col 1	Col 2–3	Col 4	Col 5	Col 6–9	Col 10
Perf:	8.25	8.30	8.35	8.50	8.15	8.35
				narrow peak (at right)		

* it *may* not be possible to differentiate the "normal" (Pattern 16) and "inverted" (Pattern 16i) 5 nib variety; further research is required.

16i

	5 nibs All left*		4 nibs Left, Right, Left, Right			
	Col 1	Col 2–5	Col 6	Col 7	Col 8–9	Col 10
Perf:	8.35	8.15	8.50	8.35	8.30	8.25
			narrow valley (at left)			

* it *may* not be possible to differentiate the "normal" and "inverted" 5 nib variety; further research is required.

17 3-nibs

18 3-nibs

19 3-nibs


2012/2013 Animals
2018 From Far and Wide

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
	8.35	8.20	8.20	8.20	8.15	8.60	8.35	8.30	8.30	8.25

19i 3-nibs

2019 From Far and Wide/Flowers

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
	8.25	8.25	8.25	8.35	8.55	8.15	8.15	8.20	8.20	8.40

Coil Box Dates

Listed here are coil box dates, as seen or reported to the author. This is not a complete listing, nor do we think it is possible to get a complete listing. Reports from collectors such as yourself are most welcome.

The first two series of Lowe-Martin coils did not have printing information on the coil boxes.

Figure 29
#463 handstamp in circle (96¢ Flower)

Figure 30
#453 handstamp in circle ($1.15 Flower)

Figure 31
Different font and barcode sizes (98¢ Olympic)

Figure 32
463 handwritten with blue pen ($1.18 Olympic)

Different font of numbers below UPC barcode (Permanent™ Hare) showing Feb 02, 2011 vs Feb 07, 2011.

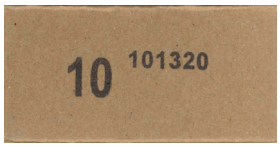
Coil Wrapper UPC and Box Product Numbers			
	Scott #	Wrapper UPC	Box Product #
80¢ Maple Leaf	2054		101320
$1.40 Maple Leaf	2055		101321
50¢ Flower	2072	03165	101322 91013 22000
85¢ Flower	2073	03166	101323 91013 23000
$1.45 Flower	2074	03167	101324 91013 24000
51¢ Flower	2128	03471	101325
89¢ Flower	2129	03472	101326
$1.05 Flower	2130	03473	101327
$1.49 Flower	2131	03474	101328
P™ Flower (51¢)	2187	03709	101330
93¢ Flower	2195	03710	101331
$1.10 Flower	2196	03711	101332
$1.55 Flower	2197	03712	101333
P™ Flower (52¢)	2244	03967	101334
96¢ Flower	2245	03970	101335
$1.15 Flower	2246	03968	101336
$1.60 Flower	2247	03972	101337
P™ Olympic (54¢)	2307A–2307B	07123	101340
98¢ Olympic	2308	07124	101341
$1.18 Olympic	2309	07126	101342
$1.65 Olympic	2310	07125	101343
P™ Flower (57¢)	2357	07370	101346
$1.00 Flower	2358	07375	101347
$1.22 Flower	2359	07373	101348
$1.70 Flower	2360	07377	101349
P™ Arctic Hare (59¢)	2426	07591	101351
$1.03 Red Fox	2427	07595	101352
$1.25 Geese	2428	07599	101353
$1.75 Polar Bear	2429	07597	101354
P™ Sunflowers (59¢)	2441–2442	07675	101788
P™ Racoons (61¢)	2506	07898	101356
$1.05 Caribou	2507	07901	101357
$1.29 Loons	2508	07900	101358
$1.80 Moose	2509	07899	101359
P™ Daylilies (61¢)	2527-2528	07987	101829

Coil Wrapper UPC and Box Product Numbers			
	Scott #	Wrapper UPC	Box Product #
CFL Team Logos Permanent™ (61¢)			
BC Lions	2559	08133	101361
Saskatchewan Roughriders	2562	08134	101362
Edmonton Eskimos	2560	08135	101363
Calgary Stampeders	2561	08136	101364
Winnipeg Blue Bombers	2563	08137	101365
Hamilton Tiger-Cats	2564	08138	101366
Toronto Argonauts	2565	08139	101367
Montreal Alouettes	2566	08140	101368
P™ Woodchucks (63¢)	2604	08321	101369
$1.10 Porcupine	2605	08326	101370
$1.34 Deer fawns	2606	08330	101371
$1.85 Black bear	2607	08328	101372
P™ Magnolias (63¢)	2622–2623	08251	101885
NHL Team Logos 63¢			
Montreal Canadiens	2665	08620	101374
Ottawa Senators	2668	08623	101375
Toronto Maple Leafs	2664	08624	101376
Winnipeg Jets	2667	08625	101377
Calgary Flames	2666	08626	101378
Edmonton Oilers	2663	08627	101379
Vancouver Canucks	2662	08628	101380
P™ Superman (63¢)	2678	08594	101383
63¢ Woodchucks	2692	08655	101381
P™ Beavers (85¢)	2711	08733	101384
$1.20 Mountain Goat	2712	08737	101386
$1.80 Atlantic Puffin	2713	08741	101387
$2.50 Wapiti	2714	08739	101388
$1.00 Burrowing Owl	2710	—	101389
P™ Roses (85¢)	2728–2729	08498	403930117
P™ CFL Team Logo Ottawa	2754	08923	403937117

Coil Wrapper UPC and Box Product Numbers			
	Scott #	Wrapper UPC	Box Product #
NHL Team Logos P™ (85¢)			
Montreal Canadiens	2782	09007	403955117
Ottawa Senators	2780	09013	403956117
Toronto Maple Leafs	2781	09015	403957117
Winnipeg Jets	2779	09017	403958117
Calgary Flames	2784	09019	403959117
Edmonton Oilers	2785	09021	403960117
Vancouver Canucks	2783	09023	403961117
P™ Pansies (85¢)	2810–2811	09084	403975117
P™ Hydrangeas (85¢)	2897–2898	09338	404007117
P™ Star Trek (85¢)	2913–2914	09354	404015117
P™ Daisies (85¢)	2977–2978	09475	404033117
P™ Star Trek (85¢)	2985	09509	404040117
P™ From Far and Wide (85¢)	3062–3066	09639	101398
$1.20 Point Pelee	3067	09641	101400
$1.80 Nááts'jhch'oh	3068	09642	101401
$2.50 Arctic Bay	3069	09643	101402
$1.00 Pisew Falls	3070	—	101403
P™ Lotuses (85¢)	3088–3089	09666	404080117
P™ From Far and Wide (90¢)	3144–3148	09845	101404
$1.27 Smoke Lake	3150	09846	101406
$1.90 Mingan Archipelago	3151	09847	101407
$2.65 Iceberg Alley	3152	09848	101408
$1.05 Castle Butte	3149	09849	101409
P™ Gardenia (90¢)	3167–3168	09831	404105117
P™ From Far and Wide (92¢)	3212–3216	09951	101410
$1.30 Kootenay Park	3217	09952	101412
$1.94 Swallowtail Lighthouse	3218	09953	101413
$2.71 Cabot Trail	3219	09954	101414
$1.07 Carcajou Falls	3220	09955	101415

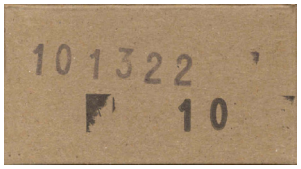
Coil Wrapper UPC and Box Product Numbers			
	Scott #	Wrapper UPC	Box Product #
P™ Dahlia (92¢)	3235–3236	09925	404129117
P™ Crabapple (92¢)	3282–83	10042	404162117
P™ Calla (92¢)	3320–31	10127	404182117
P™ Ranunculus (92¢)	3373–74	10220	404217117

80¢ (101320) — Sc. 2054

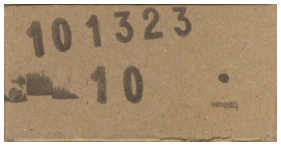


$1.40 (101321) — Sc. 2055

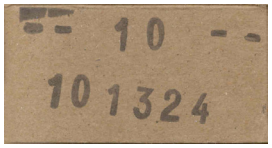
50¢ (101322) — Sc. 2072



85¢ (101323) — Sc. 2073



$1.45 (101324) — Sc. 2074



51¢ (101325) — Sc. 2128

Roll#	Time	Date	Location	Comment
28	10:42am	Oct 13, 2005	Manitoba	
203	16:29	Jan 12, 2006	Manitoba	

89¢ (101326) — Sc. 2129

Roll#	Time	Date	Location	Comment
blank			BC	
25	16:54	May 16, 2006	Manitoba	

$1.05 (101327) — Sc. 2130

Roll#	Time	Date	Location	Comment
31	02:18	Feb 16, 2006	Alberta	
45	06:53	Mar 24, 2006	Manitoba	

$1.49 (101328) — Sc. 2131

Roll#	Time	Date	Location	Comment
blank				

Permanent (101330) Sc. 2187



Roll#	Time	Date	Location	Comment
2		Sep 06, 2006	Ontario	"compound perf"
4		Sep 07, 2006	Ontario	"compound perf"
6		Sep 08, 2006	Ontario	"compound perf"
9		Sep 11, 2006	Alberta	"compound perf"
13		Sep 12, 2006	Ontario	"compound perf"
14		Sep 12, 2006	Ontario	"compound perf"
15	21:11	Sep 12, 2006	Manitoba	"compound perf"
20		Sep 14, 2006	Ontario	"compound perf"
21		Sep 15, 2006	Ontario	"compound perf"
24	13:43	Sep 18, 2006	Ontario	"compound perf"
24	17:49	Sep 18, 2006	Ontario	"compound perf"
35		Sep 22, 2006	Ontario	"compound perf"
62		Oct 10, 2006	Ontario	
69		Oct 16, 2006	Ontario	
70	09:18	Oct 17, 2006	BC	
73		Oct 19, 2006	Ontario	
83	09:23	Oct 25, 2006	Alberta	
84	13:46	Oct 25, 2006	Manitoba	
88	15:41	Oct 25, 2006	Alberta	
89	21:29	Oct 25, 2006	Alberta	
95	18:32	Nov 13, 2006	Manitoba, Alberta	
102	16:12	Nov 16, 2006	Manitoba, Alberta	
111		Nov 21, 2006	Ontario	
117		Nov 23, 2006	Ontario	
118	16:55	Dec 08, 2006	Alberta	
125	11:21	Dec 12, 2006	NS	
134		Dec 27, 2006	Ontario	
139	12:05	Dec 28, 2006	Ontario	
143		Dec 29, 2006	Ontario	
151		Jan 03, 2007	Ontario	
164		Jan 10, 2007	Ontario	
165		Jan 11, 2007	Ontario	
166		Jan 11, 2007	Ontario	
169	15:19	Jan 12, 2007	Alberta	
170	21:47	Jan 12, 2007	Manitoba	(double label)
170	06:55	Jan 15, 2007	Manitoba	
196		Feb 01, 2007	Alberta	die cut anomaly
197	20:54	Feb 01, 2007	Alberta	die cut anomaly
198	08:41	Feb 02, 2007	Manitoba	die cut anomaly
201	23:15	Feb 02, 2007	Ontario	die cut anomaly
205	11:42	Feb 08, 2007	Alberta	die cut anomaly
207		Feb 08, 2007	Ontario	die cut anomaly
235		Mar 19, 2007	Ontario	
251		Mar 05, 2007	Ontario	
252		Mar 06, 2007	Ontario	
256		Mar 07, 2007	Ontario	
264		Mar 08, 2007	Ontario	
267	14:36	Mar 15, 2007	Alberta	
293	07:58	Mar 25, 2007	Manitoba	
298		Mar 27, 2007	Ontario	
305		Apr 05, 2007	Ontario	
320		Apr 11, 2007	Ontario	
323	23:26	Apr 11, 2007	Manitoba	
337		Apr 26, 2007	Ontario	
342	10:36			
	14:50	Apr 28, 2007	Manitoba	
353	12:38	May 04, 2007	Alberta	
355	10:40	May 05, 2007	BC	
360	16:39	May 08, 2007	Alberta	
360	16:39	May 09, 2007	Ontario	
361		May 09, 2007	Ontario	
371	15:14	May 14, 2007	BC	
372	17:46	May 14, 2007	Manitoba	
377	11:59	May 17, 2007	Manitoba	
380	16:39	May 18, 2007	Alberta	
387	10:35	May 23, 2007	BC	
391	16:35	May 24, 2007	BC	
15	14:53	Jun 05, 2007	Ontario, Alberta	
17	20:43	Jun 05, 2007	Ontario, Alberta	
21	21:01	Jun 12, 2007	BC	
28		Jun 15, 2007	Ontario	
29		Jun 20, 2007	Ontario	
33	09:39	Jun 14, 2007	BC	
37	19:22	Jun 22, 2007	BC	
39	21:28	Jun 25, 2007	BC	
62		Jul 23, 2007	Ontario	
68	17:58	Jul 27, 2007	Manitoba	
69	08:08	Jul 27, 2007	BC	
70	08:08	Jul 30, 2007	BC	
79	16:13	Aug 07, 2007	Ontario, Alberta	
101	21:44	Sep 04, 2007	Manitoba, Alberta	new box
103	19:55	Sep 07, 2007	BC	
104	08:17	Sep 10, 2007	BC	
105	12:03	Sep 10, 2007	Alberta	
3	17:47	Sep 27, 2007	BC	388 handwritten
4	09:58	Sep 28, 2007	BC	388 handwritten
5	17:24	Sep 28, 2007	Manitoba	463 handwritten
6	07:58	Oct 01, 2007	Manitoba	388 handwritten
?		Oct 13, 2007	Alberta	#455 handstamp
15	09:39	Oct 15, 2007	BC	463 handwritten
16	17:49	Oct 15, 2007	BC	463 handwritten
17	09:28	Oct 16, 2007	BC	388 handwritten
21	18:38	Oct 17, 2007	BC	388 handwritten
?		Oct 18, 2007	Alberta	463 handwritten
30	08:01	Oct 22, 2007	Ontario	#455 handstamp
61	01:14	Nov 16, 2007	Ontario	#449 handstamp
69	11:45	Nov 18, 2007	BC	#388 handstamp (red)
77	16:20	Nov 20, 2007	Manitoba, BC	463 handwritten
78	23:26	Nov 20, 2007	BC	463 handwritten
103	23:09	Dec 04, 2007	Alberta	#449 handstamp
104	08:30	Dec 08, 2007	BC, Alberta	#388 handstamp (red)
107	08:19	Dec 09, 2007	Alberta	#388 handstamp (red)
111	22:42	Dec 10, 2007	Alberta	463 handwritten

93c (101331) Sc. 2195



Roll#	Time	Date	Location	Comment
1		Nov 02, 2006	Ontario	
3	08:42	Nov 03, 2006	Ontario, Alberta	
4	19:11	Nov 03, 2006	Alberta	
5	16:10	Nov 06, 2006	Alberta	
6		Nov 23, 2006	Ontario	
7		Nov 23, 2006	Ontario	
8	13:30	Nov 24, 2006	Alberta	
9		Nov 24, 2006	Ontario	
9		Dec 06, 2006	Ontario	
10		Dec 06, 2006	Ontario	
11	21:03	Dec 06, 2006	Alberta	
12	13:40	Dec 07, 2006	Manitoba, Alberta	
13		Dec 08, 2006	Ontario	
14	07:39	Dec 15, 2006	Manitoba, Alberta	
17	15:49	Dec 18, 2006	Alberta	
26	15:42	Feb 23, 2007	Manitoba, BC	die cut anomaly
27		Feb 24, 2007	Manitoba	die cut anomaly
28	13:33	Feb 25, 2007	BC	die cut anomaly
28	16:06	Mar 09, 2007	BC	
29	09:32	Mar 13, 2007	Ontario, BC	
31		Mar 14, 2007	Ontario	
32	13:06	May 31, 2007	BC	
1		Jun 02, 2007	Ontario	
7	21:50	Aug 09, 2007	Ontario, Alberta	
11	23:04	Aug 14, 2007	Ontario, Alberta	new box

$1.10 (101332) — Sc. 2196



Roll#	Time	Date	Location	Comment
1	13:19	Oct 30, 2006	Alberta	
2	19:02	Oct 30, 2006	Alberta	
2	19:51	Oct 30, 2006	Alberta	
3		Oct 31, 2006	Ontario	
4		Oct 31, 2006	Ontario	
5		Nov 01, 2006	Ontario	
5	09:03	Nov 27, 2006	BC	
6	10:25	Nov 27, 2006	Manitoba, Alberta	
9		Nov 28, 2006	Ontario	
10		Nov 29, 2006	Ontario	
12		Nov 30, 2006	Ontario	
13		Dec 01, 2006	Ontario	
1		Feb 09, 2007	Ontario	die cut anomaly
2		Feb 09, 2007	Ontario	die cut anomaly
5	12:50	May 16, 2007	BC	
6	15:38	Jun 07, 2007	Ontario, Alberta	
7	07:07	Jun 11, 2007	BC	
10		Jun 29, 2007	Ontario	
10	10:31	Jul 16, 2007	BC	
11	11:58	Jul 16, 2007	BC	
1	21:44	Sep 06, 2007	Ontario, BC	new box
12	07:06	Sep 06, 2007	Alberta	

$1.55 (101333) — Sc. 2197



Roll#	Time	Date	Location	Comment
1	07:03	Nov 07, 2006	Ontario, Alberta	
2	12:03	Nov 07, 2006	Ontario, BC	
6	11:12	Nov 10, 2006	Ontario, BC	
7		Nov 10, 2006	Ontario	
4	15:57	Nov 22, 2006	Ontario, Alberta	
8		Dec 01, 2006	Ontario	
9		Dec 01, 2006	Ontario	
10	12:56	Dec 04, 2006	BC	
1	19:06	Sep 10, 2007	Manitoba	

Permanent™ (101334) — Sc. 2244



Roll#	Time	Date	Location	Comment
3	00:15	Nov 01, 2007	Ontario	#388 handstamp (red)
5	15:57	Nov 01, 2007	Ontario, Alberta	463 handwritten
8	16:44	Nov 09, 2007	Alberta	463 handwritten
12	07:55	Nov 11, 2007	Manitoba, Alberta	463 handwritten
13	00:33	Nov 12, 2007	BC	463 handwritten
14	07:26	Nov 12, 2007	Alberta	#311 handstamp (red)
25	15:57	Dec 22, 2007	Alberta	#445 handstamp
26	15:30	Dec 23, 2007	Alberta	#445 handstamp
26	15:30	Dec 23, 2007	Alberta	#311 handstamp (red)
27	16:26	Dec 27, 2007	Alberta	463 handwritten
39	18:59	Jan 16, 2008	Manitoba	463 handwritten
40	22:53	Jan 16, 2008	Alberta	#311 handstamp (red)
41	09:16	Jan 17, 2008	Manitoba	#311 handstamp (red)
45	20:05	Jan 23, 2008	BC, Alberta	463 handwritten
53	11:03	Jan 23, 2008	Alberta	#388 handstamp (red)
57	19:53	Jan 24, 2008	Alberta	463 handwritten
64	23:46	Jan 26, 2008	Alberta	463 handwritten
65	07:50	Jan 27, 2008	BC	#311 handstamp (red)
66	13:32	Jan 27, 2008	BC, Alberta	463 handwritten
67	20:38	Jan 27, 2008	Alberta	463 handwritten
69	07:45	Jan 28, 2008	BC	#388 handstamp (red)
87	02:42	Feb 06, 2008	Manitoba	463 handwritten
89	13:18	Feb 06, 2008	Alberta	463 handwritten
99	10:24	Feb 13, 2008	Alberta	#311 handstamp (red)
101	23:30	Feb 13, 2008	BC	463 handwritten
102	08:11	Feb 14, 2008	Manitoba	#311 handstamp (red)
103	12:37	Feb 14, 2008	BC, Alberta	#311 handstamp (red)
104	07:12	Feb 15, 2008	BC	#311 handstamp (red)
123	03:26	Feb 29, 2008	BC	463 handwritten
			Alberta	#311 handstamp (red)
124	08:38	Feb 28, 2008	BC	#311 handstamp (red)
142	09:56	Mar 12, 2008	Alberta	#311 handstamp (red)
147	19:15	Mar 14, 2008	Alberta	#463 handstamp
148	15:21	Mar 17, 2008	Alberta	#463 handstamp
157	15:05	Apr 01, 2008	BC, Alberta	#463 handstamp
158	18:34	Apr 01, 2008	BC, Alberta	#463 handstamp
159	15:20	Apr 02, 2008	Alberta	#463 handstamp
179	08:15	Apr 22, 2008	Alberta	#311 handstamp (black)
182	06:35	Apr 23, 2008	Alberta	#311 handstamp (black)
183	11:15	Apr 23, 2008	BC	#445 handstamp
190	16:47	Apr 28, 2008	BC, Alberta	#463 handstamp
193	15:04	Apr 30, 2008	BC	#463 handstamp
205	07:10	May 14, 2008	Alberta	4033 handwritten
207	19:10	May 14, 2008	BC, Alberta	#463 handstamp
208	07:05	May 15, 2008	Manitoba	#445 handstamp
209	11:33	May 15, 2008	BC	4033 handwritten
210	15:24	May 15, 2008	Alberta	#463 handstamp
217	15:45	May 22, 2008	BC, Alberta	#463 handstamp
218	15:17	May 23, 2008	BC	#463 handstamp
220	20:38	May 26, 2008	BC	#463 handstamp
236	23:07	Jun 10, 2008	Alberta	#463 handstamp
238	15:39	Jun 12, 2008	BC, Alberta	#463 handstamp
241	15:13	Jun 16, 2008	Alberta	#463 handstamp
245	20:57	Jun 26, 2008	BC	#463 handstamp
266	07:19	Jul 22, 2008	BC	#453 handstamp
272	23:28	Jul 28, 2008	Alberta	#445 handstamp
273	08:48	Jul 29, 2008	BC, Alberta	#453 handstamp
274	15:13	Jul 29, 2008	Alberta	#463 handstamp
277	08:21	Jul 31, 2008	BC	#453 handstamp
278	15:34	Jul 31, 2008	BC, Alberta	#463 handstamp
296	21:43	Aug 13, 2008	BC	#463 handstamp
297	17:56	Aug 14, 2008	BC	#463 handstamp
316	22:04	Aug 29, 2008	Alberta	449 handstamp
317	14:51	Sep 02, 2008	Alberta	#463 handstamp

11	20:59	Sep 11, 2008	BC, Alberta	#449 handstamp
12	08:25	Sep 12, 2008	Alberta	449 handstamp
17	06:51	Sep 15, 2008	BC	#449 handstamp
18	13:18	Sep 15, 2008	BC	
14	07:22	Sep 19, 2008	Alberta	#445 handstamp
16	19:11	Sep 19, 2008	Alberta	#445 handstamp
40	17:38	Oct 21, 2008	BC, Alberta	#463 handstamp
41	22:50	Oct 21, 2008	Manitoba, BC	
43	08:44	Oct 23, 2008	Alberta	
44	06:44	Oct 23, 2008	Alberta	
45	15:37	Oct 23, 2008	BC	#463 handstamp
57	04:24	Nov 04, 2008	Alberta	465 handstamp
59	19:25	Nov 04, 2008	Alberta	
81	19:23	Nov 16, 2008	BC	#463 handstamp
82	00:04	Nov 19, 2008	Alberta	#463 handstamp
99	00:10	Nov 25, 2008	Manitoba, Alberta	#453 handstamp
5	03:26	Nov 26, 2008	Alberta	449 handstamp
6	19:30	Nov 26, 2008	BC	#463 handstamp
10	08:27	Nov 28, 2008	BC	
12	04:01	Dec 01, 2008	BC	
12	11:18	Dec 01, 2008	Alberta	
13	02:25	Dec 01, 2008	Manitoba, BC, Alberta	
13	09:21	Dec 01, 2008	Alberta	
2 (?)	02:30	Dec 08, 2008	NS	
14	01:22	Dec 10, 2008	Alberta	#463 handstamp
15	03:29	Dec 10, 2008	Alberta	#453 handstamp
74	11:56	Dec 10, 2008	Alberta	
32	02:58	Dec 12, 2008	Manitoba	
32	03:44	Dec 12, 2008	Alberta	
33	03:49	Dec 12, 2008	Alberta	
43	02:54	Dec 29, 2008	Manitoba	#453 handstamp
44	08:57	Dec 29, 2008	Manitoba	
58	00:50	Jan 06, 2009	Manitoba	#453 handstamp

96¢ (101335) Sc. 2245

Roll#	Time	Date	Location	Comment
3	11:33	Nov 03, 2007	BC, Alberta	#449 handstamp
4	07:40	Nov 05, 2007	MB, BC, AB	#388 handstamp (red)
5	17:04	Nov 05, 2007	BC, Alberta	463 handwritten
9	12:24	Dec 13, 2007	BC	$449 handstamp
10	01:28	Dec 17, 2007	BC, Alberta	463 handwritten
			Alberta	#388 handstamp (red)
11	12:41	Dec 17, 2007	Alberta	#388 handstamp (red)
12	09:15	Jan 02, 2008	BC	463 handwritten
13	22:54	Jan 02, 2008	Alberta	463 handwritten
14	00:07	Jan 29, 2008	Alberta	463 handwritten
15	07:22	Jan 29, 2008	BC, Alberta	#388 handstamp (red)
18	08:01	Feb 12, 2008	Alberta	#388 handstamp (red)
20	11:09	Mar 11, 2008	Alberta	#463 handstamp
			Alberta	463 handwritten
21	17:59	Mar 11, 2008	BC	#463 handstamp
			Alberta	#311 handstamp (black)
			Alberta	#311 handstamp (red)
26	16:07	May 20, 2008	BC	#463 handstamp
			Alberta	4033 handwritten
1	09:32	May 21, 2008	BC	433 handwritten
2	12:58	Jul 25, 2008	Manitoba	
3	18:41	Jul 25, 2008	Alberta	#463 handstamp
4	17:47	Aug 18, 2008	Alberta	#463 handstamp
5	21:25	Aug 18, 2008	BC, Alberta	#463 handstamp
10	17:38	Sep 30, 2008	Alberta	#483 handstamp
11	17:23	Oct 01, 2008	Manitoba, Alberta	#463 handstamp
12	22:58	Oct 07, 2008	Alberta	453 handstamp

$1.15 (101336) Sc. 2246

Roll#	Time	Date	Location	Comment
2	18:10	Nov 06, 2007	Alberta	463 handwritten
3	12:48	Nov 07, 2007	Manitoba, AB	#388 handstamp (red)
			Alberta	463 handwritten
5	07:07	Jan 03, 2008	Alberta	#311 handstamp (red)
5	09:17	Jan 03, 2008	BC	#311 handstamp (red)
6	16:36	Jan 03, 2008	BC, Alberta	463 handwritten
7	03:10	Jan 04, 2008	BC	#311 handstamp (red)
12	00:48	Jan 30, 2008	BC, Alberta	#311 handstamp (red)
			Alberta	463 handwritten
15	21:04	Feb 21, 20008	BC	#388 handstamp (red)
16	13:48	Feb 22, 2008	BC, Alberta	#388 handstamp (red)
17	21:14	Mar 17, 2008	BC, Alberta	#463 handstamp
22	16:47	Jun 22, 2008	BC	#463 handstamp
22	16:47	Jul 22, 2008	Manitoba, Alberta	#453 handstamp
2	19:06	Sep 12, 2008	Alberta	#463 handstamp

$1.60 (101337) Sc. 2247

Roll#	Time	Date	Location	Comment
1	13:23	Nov 08, 2007	Manitoba, Alberta	463 handwritten
			Alberta	467 handwritten
			Alberta	763 handwritten
			Alberta	#388 handstamp (red)
2	21:22	Nov 08, 2007	BC	463 handwritten
			Alberta	#463 handstamp (black)
4	16:38	Dec 17, 2007	BC, Alberta	463 handwritten
6	21:56	Jan 06, 2008	BC	463 handwritten
9	08:50	Jan 13, 2008	Alberta	#311 handstamp (red)
2	13:10	Sep 11, 2008	Alberta	#463 handstamp

Permanent™ (101340) — Sc. 2307A-2307B




Roll#	Time	Date	Location	Comment
5	02:44	Dec 05, 2008	Alberta	
10		Dec 04, 2008	Ontario	
12	02:44	Dec 05, 2008	Alberta	#453 handstamp
14	15:54	Dec 05, 2008	Manitoba	
17	13:46	Dec 06, 2008	Manitoba, BC	
68	07:24	Jan 10, 2009	Manitoba, Alberta	
33	14:47	Jan 18, 2009	Alberta	
36	12:32	Jan 20, 2009	Alberta	463 handwritten
38	04:10	Jan 21, 2009	Alberta	463 handwritten
51	23:02	Jan 25, 2009	Alberta	463 handwritten
52	06:52	Jan 26, 2009	BC	#453 handstamp
54	03:34	Jan 28, 2009	Manitoba	
79	00:29	Feb 08, 2009	Alberta	
93	20:09	Mar 11, 2009	BC	463 handwritten
113	23:29	Apr 07, 2009	Alberta	463 handwritten
113	23:30	Apr 07, 2009	Alberta	463 handstamp
116	13:40	Apr 09, 2009	Alberta	
117	17:38	Apr 09, 2009	Alberta	463 handwritten
118	22:41	Apr 09, 2009	Manitoba	463 handstamp
			Alberta	#463 handwritten
130	16:15	Apr 21, 2009	Alberta	463 handstamp
130	18:15	Apr 21, 2009	Alberta	463 handwritten
131	17:06	Apr 21, 2009	Alberta	463 handwritten
132	22:35	Apr 21, 2009	Alberta	463 handstamp
136	16:47	Apr 23, 2009	Alberta	463 handwritten
			Alberta	463 handstamp
138	22:?2	Apr 24, 2009	Alberta	
170	17:02	May 12, 2009	Alberta	463 handwritten
171	06:51	May 12, 2009	Alberta	
172	11:11	May 12, 2009	Alberta	463 handstamp
177	12:57	May 14, 2009	Alberta	463 handstamp
209	21:52	Jun 04, 2009	Alberta	
209	06:42	Jun 05, 2009	Alberta	
211	16:16	Jun 05, 2009	BC	#463 handstamp
212	21:56	Jun 05, 2009	Alberta	
212	07:40	Jun 08, 2009	Alberta	
225	21:08	Jun 12, 2009	Alberta	
225	08:05	Jun 13, 2009	Alberta	
228	22:40	Jun 15, 2009	BC	
255	10:47	Jul 08, 2009	Alberta	
256	20:01	Jul 08, 2009	Alberta	
262	19:01	Jul 10, 2009	Alberta	
263	09:04	Jul 13, 2009	Alberta	
264	13:2?	Jul 1?, 2009	BC	
283	11:11	Jul 27, 2009	Alberta	463 handstamp
284	17:08	Jul 27, 2009	Alberta	463 handstamp
285	06:45	Jul 28, 2009	Manitoba	
286	11:17	Jul 28, 2009	Alberta	463 handstamp
298	15:23	Aug 05, 2009	Alberta	463 handstamp
2	19:56	Aug 12, 2009	Alberta	
4	17:21	Aug 13, 2009	Alberta	463 handstamp
5	06:37	Aug 14, 2009	Alberta	
7	19:34	Aug 14, 2009	Alberta	463 handstamp
12	08:31	Aug 18, 2009	Manitoba	3/4 nibs; 463 handstamp
18	19:49	Aug 21, 2009	Alberta	463 handstamp
22	07:09	Aug 25, 2009	Manitoba	463 handstamp
34	08:47	Oct 05, 2009	Alberta	
35	16:03	Oct 05, 2009	Manitoba	463 handstamp
61	10:41	Oct 20, 2009	Ontario	
63	22:14	Oct 20, 2009	Alberta	
68	07:56	Oct 23, 2009	BC	
77	14:27	Oct 30, 2009	Ontario	
81	22:29	Nov 02, 2009	Manitoba	
87	23:24	Nov 04, 2009	BC	
89	17:59	Nov 05, 2009	NS	

98¢ (101341) — Sc. 2308



Roll#	Time	Date	Location	Comment
2		Dec 08, 2008	Ontario	
3	21:48	Dec 08, 2008	Manitoba, BC, AB	#463 handstamp
8	07:43	Dec 08, 2008	Alberta	#463 handstamp
8	13:17	Dec 09, 2008	Alberta	#463 handstamp
4	13:17	Dec 09, 2008	Manitoba, BC	
8	07:43	Dec 18, 2008	Alberta	#463 handstamp
9	09:03	Jan 09, 2009	Alberta	
6	20:34	Jan 18, 2009	Manitoba	463 handwritten
	19:59	Jan 18, 2009	ON	
6	00:22	Jan 19, 2009	BC	463 handwritten
5	01:33	Jan 19, 2009	Manitoba	#453 handstamp
9	09:03	Jan 19, 2009	Alberta	#453 handstamp
9	19:40	Jan 19, 2008	Alberta	463 handwritten
16	08:37	Feb 23, 2009	Alberta	463 handwritten
17	18:33	Mar 28, 2009	Manitoba	463 handwritten
			Alberta, ON	
18	16:42	Apr 01, 2009	Manitoba	
18	07:30	Apr 02, 2009	Alberta	
23	19:40	Apr 17, 2009	Manitoba	#463 handstamp
23	07:42	Apr 20, 2008	Alberta, BC	#453 handstamp
24	11:32	Apr 20, 2009	Manitoba	
24	13:26	Apr 20, 2009	Alberta	453 handstamp
24	13:26	May 19, 2009	Manitoba	463 handstamp
26	12:45	May 29, 2009	Manitoba	3 nibs
			Ontario	small compact barcode
25	19:45	May 19, 2009	Alberta	463 handstamp
26	14:34	May 20, 2009	Alberta	
	12:45	May 20, 2009	Alberta	narrow barcode
	12:49	May 20, 2009	Alberta	narrow barcode
26	12:49	May 29, 2009	Manitoba	narrow barcode
26	12:51	May 29, 2009	Ontario	narrow barcode
31	09:44	Jun 30, 2009	Ontario	compound perf

$1.18 (101342) — Sc. 2309



Roll#	Time	Date	Location	Comment
11	10:00	Jan 28, 2009	Alberta	463 handwritten
12	02:34	Jan 29, 2009	Manitoba	463 handwritten
			Alberta	
17	22:21	Feb 08, 2009	BC, AB	463 handwritten
18	07:05	Feb 09, 2009	Alberta	
21	22:04	Mar 05, 2009	Manitoba, BC, AB	463 handwritten
23	14:55	Mar 06, 2009	Manitoba, AB, ON	
27	23:10	Mar 09, 2009	Manitoba, AB	463 handwritten
30		May 20, 2009	NS	
2	17:43	Sep 15, 2009	Manitoba, AB	3/4 nibs
3	13:00	Sep 16, 2009	Manitoba, AB	3/4 nibs;463handstamp
4	22:48	Oct 13, 2009	Ontario	

$1.65 (101343) — Sc. 2310

Roll#	Time	Date	Location	Comment
1	04:10	Dec 01, 2008	Alberta	#463 handstamp
2		Dec 02, 2008	Alberta	#463 handstamp
1	04:10	Dec 03, 2008	BC, AB	#463 handstamp
1	04:10	Dec 03, 2008	ON	#453 handstamp
2		Dec 19, 2008	Ontario	
4	08:23	Dec 21, 2008	Alberta	#453 handstamp
5	09:40	Dec 22, 2008	Manitoba, BC	
8	12:23	Feb 20, 2009	Alberta	
8		Feb 20, 2009	NS	
9	18:05	Feb 20, 2009	Manitoba, Ontario	
10	18:53	Feb 21, 2009	Alberta	
10	02:43	Feb 24, 2009	Alberta	
3	17:54	Dec 10, 2009	Alberta (confirm this!)	

Permanent™ (101346) — Sc. 2357

Roll#	Time	Date	Location	Comment
2	16:53	Nov 16, 2009	Alberta	
3	16:36	Nov 17, 2009	Alberta	
4	20:47	Nov 17, 2009	Manitoba	
4	16:07	Nov 20, 2009	NS	
7	18:5?	Dec ??, 2009	Alberta	
8		Nov 23, 2009	NS	
11		Nov 30, 2009	NS	
14	17:22	Dec 01, 2009	NS	
23	12:26	Dec 05, 2009	Alberta	
26	14:56	Dec 07, 2009	Alberta, BC	
27	18:09	Dec 07, 2009	Manitoba	
30	12:17	Dec 13, 2009	Alberta	
32	18:01	Dec 14, 2009	Alberta	
33	02:18	Dec 14, 2009	Manitoba	
5?	22:23	Jan 04, 2010	Alberta	
55	22:27	Jan 05, 2010	Alberta	
57	18:26	Jan 06, 2010	Manitoba	
59	14:13	Jan 07, 2010	Alberta	
71	14:41	Jan 22, 2010	Ontario	
78	18:27	Feb 02, 2010	Ontario	
90	16:15	Feb 09, 2010	Alberta	
92	07:49	Feb 10, 2010	Alberta	
93	09:43	Feb 11, 2010	Alberta	
94	16:17	Feb 11, 2010	Manitoba	
95	20:00	Feb 11, 2010	Alberta	
96	08:29	Feb 12, 2010	Alberta	
103		Feb 17, 2010	Ontario	
119	10:19	Feb 26, 2010	Ontario	
122	17:07	Mar 02, 2010	Alberta	
126	22:39	Mar 03, 2010	Alberta	
127	08:54	Mar 04, 2010	Manitoba	
130	14:08	Mar 06, 2010	Alberta	
143	18:10	Mar 16, 2010	Alberta	
147	17:55	Mar 18, 2010	Manitoba	
148	20:53	Mar 18, 2010	Alberta	
15?	17:25	Mar 19, 2010	Alberta	
151	06:34	Mar 22, 2010	Alberta	
155	19:53	Mar 23, 2010	Ontario	
168	12:08	Apr 07, 2010	Ontario	
171	12:10	Apr 08, 2010	Ontario	
177	09:15	Apr 13, 2010	Ontario	
178		May 18, 2010	Ontario	(#14, ski bump)
183	11:27	May 20, 2010	Ontario	
187	21:38	May 21, 2010	Alberta	
180	12:24	May 19, 2010	Manitoba	
187	21:38	May 21, 2010	Alberta	
190	14:01	Jun 01, 2010	Saskatchewan	
1	14:59	Jun 10, 2010	NS	
11	20:35	Jun 16, 2010	Ontario	
18	15:09	Jun 23, 2010	Alberta	
24	10:59	Jun 29, 2010	Alberta	
26	09:58	Jun 30, 2010	Alberta	
27	18:21	Jun 30, 2010	Ontario	
31	20:4?	Jul 13, 2010	Alberta	
35	17:21	Jul 23, 2010	Manitoba	(#15)
34	18:56	Jul 29, 2010	BC	
39	07:00	Jul 29, 2010	BC	
40	12:27	Jul 29, 2010	Manitoba	
41	18:54	Jul 29, 2010	Ontario, Alberta	
42	06:33	Aug 03, 2010	Alberta	
53	19:23	Aug 06, 2010	Alberta	
57	06:48	Aug 10, 2010	Alberta	
62	09:38	Aug 12, 2010	Alberta	
64	20:43	Aug 12, 2010	BC	
73	17:11	Aug 19, 2010	Alberta	
80	15:??	Aug 26, 2010	Ontario	
82	13:17	Aug 27, 2010	Manitoba	
89	06:36	Sep 01, 2010	Alberta	
90	15:12	Sep 01, 2010	Ontario	
		Sep 30, 2010	Ontario	
6	07:17	Oct 07, 2010	Ontario, BC, Alberta	(#13r)
3	07:19	Oct 06, 2010	Alberta	
3	07:19	Oct 08, 2010	Ontario	
14	12:07	Oct 13, 2010	Ontario	
33	19:30	Oct 27, 2010	Alberta	
34	15:21	Oct 28, 2010	Ontario	
39	14:54	Nov 03, 2010	Manitoba	
43	21:37	Nov 08, 2010	Alberta	
48	06:59	Nov 12, 2010	Alberta	
62	10:16	Nov 18, 2010	Alberta	
70	22:05	Nov 29, 2010	Alberta	
71	10:27	Nov 30, 2010	Alberta	
72	16:40	Nov 30, 2010	Ontario	
73	21:47	Nov 30, 2010	BC	
85	10:38	Dec 03, 2010	Manitoba	

$1.00 (101347) — Sc. 2358

Roll#	Time	Date	Location	Comment
1	22:05	Nov 17, 2009	Manitoba, Alberta	
2	18:10	Nov 18, 2009	Manitoba, Alberta	
7	20:29	Dec 17, 2009	NS	
7	15:14	Dec 28, 2009	Alberta	
4	18:34	Jan 07, 2010	Manitoba, Alberta	
8	11:26	Jan 08, 2010	Alberta	
8		Jan 12, 2010	NS	
10	12:31	Jan 27, 2010	NS	
11	19:10	Feb 22, 2010	Alberta	
12	21:49	Feb 22, 2010	Alberta	
13	14:59	Mar 01, 2010	Alberta	
14	07:21	Mar 02, 2010	Ontario	
14	16:20	Mar 26, 2010	Manitoba, Alberta	
15	07:44	Mar 29, 2010	Manitoba, BC, Alberta	
17	21:36	Apr 13, 2010	Ontario	
1	22:20	May 10, 2010	Alberta	

1	22:20	May 25, 2010	Ontario	(#14, ski bump)
2	17:43	May 26, 2010	Alberta	
28		May 28, 2010	Ontario	
3	14:04	Jun 07, 2010	Ontario	
4	20:48	Jun 08, 2010	Manitoba, Alberta	
5	13:24	Jun 09, 2010	Ontario	
1	16:59	Sep 07, 2010	Ontario, Alberta	(#15)
2	17:05	Sep 20, 2010	Alberta	
3	17:31	Sep 24, 2010	Ontario, Alberta	
4	21:18	Sep 28, 2010	Alberta	

$1.22 (101348) Sc. 2359

Roll#	Time	Date	Location	Comment
1	17:36	Nov 17, 2009	Alberta	
1	17:36	Nov 19, 2009	Manitoba, Alberta	
2	23:01	Nov 19, 2009	Manitoba, Alberta, BC	
3	17:54	Dec 10, 2009	Alberta	
4		Dec 08, 2009	NS	
5	11:57	Dec 09, 2009	Ontario	
7	18:54	Dec 11, 2009	Alberta	
10	16:29	Dec 30, 2009	Manitoba, Alberta	
11	06:54	Jan 22, 2010	Manitoba, Alberta	
15	19:32	Feb 26, 2010	Manitoba, Alberta	
17	11:15	Mar 08, 2010	Ontario	
21	17:02	Mar 30, 2010	Ontario	
18	16:24	Mar 15, 2010	Manitoba	
21	22:37	Apr 14, 2010	Ontario	
22	11:10	Apr 15, 2010	Ontario	
24	20:32	Apr 18, 2010	Manitoba	
1		May 25, 2010	Ontario	(#14, ski bump)
20	19:29	Mar 29, 2010	Alberta	
20	07:31	Mar 30, 2010	Alberta	
25	13:06	May 27, 2010	Ontario, Alberta	
26	07:56	May 28, 2010	Manitoba, BC, Alberta	
27	08:20	May 31, 2010	Alberta	
28	07:37	Jun 04, 2010	Ontario	
28	10:08	Jul 06, 2010	Alberta	
4		Jun 08, 2010	Ontario	
2	12:46	Jul 08, 2010	Ontario, Alberta	
2	21:17	Oct 25, 2010	Alberta	
3	19:11	Oct 13, 2010	Manitoba, Alberta	(#15)
4	22:41	Oct 13, 2010	Manitoba, Alberta	
1	19:13	Oct 14, 2010	Alberta	

$1.70 (101349) Sc. 2360

Roll#	Time	Date	Location	Comment
1	15:56	Nov 24, 2009	Alberta	
2	19:26	Nov 24, 2009	Manitoba, BC	
2		Nov 24, 2009	NS	
3	17:54	Dec 10, 2009	Alberta	
4	09:48	Dec 11, 2009	Manitoba	
7	07:29	Jan 10, 2010	Alberta	
7	07:29	Jan 20, 2010	Manitoba	
8	07:03	Jan 26, 2010	Ontario	
9	12:38	Feb 10, 2010	Alberta	
9		Feb 20, 2010	Ontario	
10	10:46	Feb 22, 2010	BC	
10	12:17	Dec 20, 2010	Alberta	

Permanent™ (101351) Sc. 2426


Roll#	Time	Date	Location	Comment
1	20:30	Nov 25, 2010	Ontario, Alberta	
2	22:22	Nov 25, 2010	Manitoba	
4	15:48	Nov 26, 2010	Ontario, Alberta	
7	20:02	Dec 06, 2010	Alberta	
9		Dec 07, 2010	Ontario	
10	18:49	Dec 07, 2010	Manitoba	
11	06:55	Dec 08, 2010	Alberta	
18	06:46	Dec 10, 2010	Alberta	
20	15:34	Dec 06, 2010	Alberta	
23	13:47	Dec 13, 2010	Ontario	
24	18:47	Dec 13, 2010	Alberta	
25		Dec 14, 2010	Ontario	
26	12:26	Dec 14, 2010	BC	
27	11:00	Dec 15, 2010	Ontario	
28	17:03	Dec 15, 2010	Alberta	
38	06:49	Jan 11, 2011	Manitoba	
38	07:40	Jan 11, 2011	Manitoba	
38	08:49	Jan 11, 2011	Alberta	
41	07:48	Jan 10, 2011	Alberta	
54	12:54	Jan 17, 2011	Ontario, Alberta	
53	12:37	Jan 18, 2011	NS	
57	16:52	Jan 18, 2011	Ontario	
60	16:21	Jan 19, 2011	BC	
64	07:54	Jan 20, 2011	Manitoba	
65	18:00	Jan 26, 2011	Alberta	
69	21:17	Jan 27, 2011	Ontario, Alberta	
76	07:38	Feb 02, 2011	BC	
82	13:56	Feb 05, 2011	Ontario	
82	08:25	Feb 07, 2011	Alberta	
82	10:11	Feb 07, 2011	Manitoba, Ontario	*New font*
92	14:57	Feb 14, 2011	Ontario	
95	22:35	Feb 14, 2011	Ontario	
97	08:09	Feb 16, 2011	Alberta	
101	17:15	Feb 28, 2011	Alberta	
102	22:33	Feb 28, 2011	Manitoba, Alberta	
108	10:35	Mar 02, 2011	Ontario	
110	06:19	Mar 14, 2011	Ontario	
113	19:38	Mar 15, 2011	Alberta	
122	06:48	Mar 23, 2011	Alberta	
124	22:27	Mar 17, 2011	Alberta	
127	21:42	Mar 18, 2011	Alberta	
129	10:48	Mar 23, 2011	Alberta	
133	15:30	Mar 30, 2011	Ontario	
158	12:06	Apr 05, 2011	Ontario	
147	17:26	Apr 08, 2011	BC, Alberta	
148	07:54	Apr 11, 2011	Manitoba, NS	
156	07:41	Apr 14, 2011	Ontario	
160	18:42	Apr 14, 2011	Alberta	
168	12:29	Apr 19, 2011	Alberta	
170	21:23	Apr 19, 2011	Alberta	
175	14:04	Apr 25, 2011	Ontario, BC	
179	16:48	May 03, 2011	Ontario	
180	15:45	May 04, 2011	Manitoba	
190	16:28	May 20, 2011	Alberta, Ontario	
191	23:19	May 20, 2011	Alberta	
192	12:52	May 21, 2011	Alberta	
193	15:13	May 24, 2011	Ontario	
2	18:22	May 27, 2011	Ontario, Alberta	

9	12:50	May 31, 2011	Alberta
10	16:50	May 31, 2011	Ontario
16	16:16	Jun 02, 2011	Alberta
18	20:11	Jun 02, 2011	Ontario
20	06:05	Jun 04, 2011	Manitoba
21	17:53	Jun 06, 2011	Manitoba, Ontario
30	08:02	Jun 10, 2011	Alberta
34	06:37	Jun 13, 2011	Ontario, Alberta
40	14:50	Jun 15, 2011	Ontario
43	12:00	Jun 20, 2011	Alberta
43	12:09	Jun 20, 2011	Manitoba
55	08:45	Jun 28, 2011	Alberta
56	07:30	Jul 05, 2011	Alberta
59	15:06	Jun 29, 2011	Ontario
60	19:03	Jun 29, 2011	Ontario
71	20:27	Jul 06, 2011	BC
74	18:56	Jul 07, 2011	Ontario
76	12:14	Jul 08, 2011	Alberta
88	21:59	Jul 14, 2011	Ontario
101	18:33	Aug 12, 2011	Ontario
102	15:09	Aug 16, 2011	Alberta
28	20:34	Oct 13, 2011	Ontario
33	15:59	Oct 18, 2011	Manitoba
37	18:16	Oct 19, 2011	Alberta
44	20:34	Oct 24, 2011	Ontario, Alberta
45	10:50	Oct 25, 2011	BC
50	16:58	Oct 26, 2011	Ontario, Alberta
55	07:36	Oct 28, 2011	Manitoba
63	15:58	Nov 01, 2011	Ontario, Alberta
64	07:09	Nov 02, 2011	Ontario
78	16:40	Nov 08, 2011	Ontario
80	10:22	Nov 09, 2011	Ontario
86	08:33	Nov 11, 2011	Alberta
87	17:00	Nov 11, 2011	Alberta
89	06:36	Nov 14, 2011	Manitoba
90	13:16	Nov 15, 2011	Alberta
92	06:57	Nov 16, 2011	Alberta

$1.03 (101352) Sc. 2427

Roll#	Time	Date	Location	Comment
2	22:31	Nov 22, 2010	Ontario, Manitoba, Alberta	
3		Nov 23, 2010	Ontario	
4	10:57	Dec 17, 2010	Ontario	
5	20:58	Dec 17, 2010	Manitoba, Ontario	
6	18:02	Dec 22, 2010	Ontario, NS, BC	
8	12:16	Dec 23, 2010	Alberta	
10	21:53	Jan 20, 2011	Mail order, Alberta	
11	20:51	Jan 21, 2011	Manitoba, Alberta	
14	09:44	Feb 17, 2011	Manitoba	
15	10:29	Feb 18, 2011	BC, Alberta	
16	10:39	Feb 19, 2011	Alberta	
16	17:13	Feb 23, 2011	Ontario	
17	21:12	Feb 25, 2011	Ontario, Alberta	
18	14:32	Feb 26, 2011	NS, Alberta	
19	21:?	Mar 23, 2011	Ontario	
20	11:16	Mar 24, 2011	BC, Alberta	
21	09:25	Apr 04, 2011	Ontario	
22	12:10	Apr 04, 2011	Ontario, BC	
22	17:02	Apr 20, 2011	Alberta	
23	18:30	Apr 20, 2011	Manitoba	
1	15:40	Apr 27, 2011	Ontario	
1	15:44	Apr 27, 2011	Alberta	
2	15:56	Apr 28, 2011	Manitoba	
3	12:34	Apr 29, 2011	BC	
3	12:43	Apr 29, 2011	Ontario	
3	19:57	Apr 29, 2011	Ontario, Alberta	
4	15:13	May 13, 2011	Alberta	
5	21:16	Jun 15, 2011	Alberta	
6	14:14	Jun 16, 2011	Alberta	
7	14:51	Jun 17, 2011	Manitoba, BC	
7	11:19	Jun 24, 2011	Alberta	
8	15:24	Jun 24, 2011	Manitoba	
9	10:49	Jun 27, 2011	Alberta	

$1.25 (101353) Sc. 2428

Roll#	Time	Date	Location	Comment
2	18:59	Nov 19, 2010	Manitoba	
2	22:23	Nov 19, 2010	Ontario	
3	10:53	Nov 22, 2010	Manitoba, ON	
4	18:58	Dec 23, 2010	BC, Alberta	
5	07:07	Dec 24, 2010	Manitoba, Alberta	
6	15:00	Jan 04, 2011	BC	
7	08:01	Jan 05, 2011	Manitoba, NS, Alberta	
9	13:31	Jan 08, 2011	Alberta	
9	11:52	Jan 22, 2011	Ontario, Alberta	
13	11:26	Feb 24, 2011	BC	
14	07:23	Feb 25, 2011	Ontario, BC, Alberta	
10	07:41	Mar 10, 2011	Alberta	
12	12:18	Mar 10, 2011	NS	
11	08:32	Mar 12, 2011	Alberta	
11	08:32	Mar 12, 2011	NS	
16	13:08	Mar 14, 2011	Alberta	
16	08:24	Mar 28, 2011	Alberta	
17	16:49	Mar 28, 2011	Ontario, BC	
13	14:56	May 10, 2011	Alberta	
2	20:03	May 10, 2011	Ontario	
3	15:05	May 12, 2011	Manitoba, ON	
3	07:03	Jun 06, 2011	Alberta	
5	19:23	Jun 23, 2011	Manitoba, BC, Alberta	
6	12:29	Jul 13, 2011	Alberta	
2	21:46	Sep 23, 2011	Manitoba	

$1.75 (101354) Sc. 2429

Roll#	Time	Date	Location	Comment
2	17:23	Nov 24, 2010	Alberta	
3	07:25	Nov 25, 2010	Manitoba, ON	
4	10:37	Nov 24, 2010	Manitoba, ON	
3	07:25	Nov 26, 2010	Alberta	
5	07:30	Jan 06, 2011	Alberta	
6	06:35	Jan 12, 2011	Alberta	
8	06:52	Feb 22, 2011	Ontario, Alberta	
9	22:36	Feb 22, 2011	Manitoba, ON	
10	14:12	Jul 27, 2011	Alberta	

Permanent™ SunFlowers (101788) Sc. 2441-2442

Roll#	Time	Date	Location	Comment
1	11:28	Jan 31, 2011	Manitoba, ON, BC	
4	16:49	Feb 7, 2011	NS	
9	10:15	Feb 9, 2011	Alberta	
6	13:47	Mar 5, 2011	Ontario	
2	06:55	Mar 8, 2011	Ontario	
3	15:00	Mar 08, 2011	Alberta	
4	11:24	Mar 11, 2011	Mail order	

Permanent™ (101356) Sc. 2506

Roll#	Time	Date	Location	Comment
2	13:49	Nov 16, 2011	Alberta	
3	17:26	Nov 16, 2011	Alberta	
4	06:41	Nov 17, 2011	Ontario	
5	11:03	Nov 17, 2011	Ontario	
6		Nov 17, 2011	Ontario	
11	18:19	Nov 24, 2011	Manitoba	
12	15:12	Nov 25, 2011	Alberta	
1 (?)	18:23	Nov 30, 2011	Alberta	
17	19:10	Dec 01, 2011	Alberta	
20	14:40	Dec 07, 2011	BC	
23	22:39	Dec 08, 2011	Alberta	
29	11:01	Dec 14, 2011	Alberta	
34	11:02	Jan 09, 2012	Manitoba	
36	0&:53	Jan 10, 2012	Manitoba	
40	14:53	Jan 11, 2012	Alberta	
51	15:58	Jan 16, 2012	Alberta	
53	15:03	Jan 24, 2012	Alberta	
53	15:03	Jan 24, 2012	Alberta	on top of 101357
71	17:04	Feb 07, 2012	Alberta	
72	22:08	Feb 07, 2012	Alberta, BC	
74	15:59	Feb 08, 2012	Manitoba	
80	15:34	Feb 28, 2012	BC	
81	00:33	Feb 29, 2012	Alberta	
84	01:16	Mar 01, 2012	Alberta	
92	10:51	Mar 08, 2012	Alberta	
93	05:31	Mar 12, 2012	Alberta	
111	15:10	Apr 07, 2012	BC	
104	20:31	Apr 09, 2012	Manitoba	
110	02:28	Apr 11, 2012	Alberta	
124	21:01	Apr 19, 2012	Ontario	
127	07:59	Apr 23, 2012	Alberta	
131	04:25	Apr 25, 2012	Ontario	
132	15:25	Apr 25, 2012	BC	
144	09:17	Apr 26, 2012	Ontario	
151	22:58	May 02, 2012	Ontario	
160	15:19	May 02, 2012	Alberta	
167	01:30	May 09, 2012	Manitoba, Ontario	3 nibs
175	14:08	May 14, 2012	Alberta	
2	22:54	May 15, 2012	Manitoba	
178	07:52	May 15, 2012	Alberta	
180	1?:30	May 17, 2012	Alberta	
183	13:31	Jun 18, 2012	BC	
184	15:35	Jun 25, 2012	Alberta	
193	07:33	Jun 28, 2012	Alberta	
197b	19:55	Jun 29, 2012	Alberta	
198	21:25	Jun 29, 2012	Alberta	
199	15:08	Jul 03, 2012	Alberta	
204	17:31	Jul 06, 2012	Manitoba	
6	22:17	Jul 17, 2012	BC	
7	17:04	Jul 18, 2012	Alberta, BC	
181	14:46	Jul 23, 2012	Alberta	
181	14:58	Jul 23, 2012	Alberta	
12	17:20	Jul 23, 2012	Alberta	
18	20:32	Jul 24, 2012	BC	
16	10:32	Jul 26, 2012	Alberta	
30	11:28	Jul 31, 2012	Manitoba, Alberta	
33	10:13	Aug 01, 2012	Alberta	
63	17:15	Aug 20, 2012	Alberta	
1	21:24	Aug 20, 2012	Alberta	
3	20:51	Aug 22, 2012	Manitoba	
12	15:49	Sep 05, 2012	Alberta	
13b	22:51	Sep 05, 2012	Manitoba	
26	15:12	Oct 09, 2012	Alberta	
39	16:12	Oct 11, 2012	Alberta	
33	10:11	Oct 15, 2012	Alberta	
33	15:49	Oct 22, 2012	Manitoba	
11	11:25	Dec 16, 2012	Alberta	
16	16:29	Dec 17, 2012	Manitoba	
17	19:11	Dec 17, 2012	Alberta, BC	
20	14:54	Dec 20, 2012	Alberta	

$1.05 (101357) Sc. 2507

Roll#	Time	Date	Location	Comment
1	18:14	Nov 17, 2011	Alberta	
2	08:16	Nov 18, 2011	Alberta, Ontario	
3	18:24	Nov 18, 2011	Ontario	
4	08:47	Dec 16, 2011	Ontario, Alberta	
6	08:46	Dec 19, 2011	Manitoba	
7	12:49	Jan 04, 2012	Alberta	
9	15:34	Jan 19, 2012	Manitoba, Alberta	
10	10:04	Jan 26, 2012	BC, Alberta	
11	08:23	Jan 27, 2012	Alberta	
12	14:50	Feb 02, 2012	Alberta	
14	17:07	Feb 09, 2012	Alberta	
14	08:21	Mar 03, 2012	Alberta	
15	18:02	Mar 03, 2012	Alberta	
16	13:07	Mar 04, 2012	Manitoba	
16	21:25	Mar 12, 2012	Alberta	
17	22:47	Mar 12, 2012	Ontario, BC	
17	03:57	Mar 13, 2012	Alberta	
18	12:01	Apr 04, 2012	Alberta	
19	01:06	Apr 05, 2012	Alberta	
20	14:56	Apr 05, 2012	Alberta	
1	20:22	May 15, 2012	Alberta	
2	22:54	May 15, 2012	Alberta	

2	07:54	May 16, 2012	Manitoba, Alberta	3 nibs
3	09:37	Jun 22, 2012	Alberta, BC	
24	12:32	Aug 21, 2012	Manitoba	
24	12:33	Aug 21, 2012	Alberta	
1	19:43	Aug 21, 2012	Manitoba, Alberta	
2	10:38	Aug 22, 2012	Alberta	

$1.29 (101358) Sc. 2508

Roll#	Time	Date	Location	Comment
2	21:39	Nov 18, 2011	Manitoba	
3	12:39	Nov 21, 2011	Alberta	
4	10:43	Dec 06, 2011	Manitoba, ON, Alberta	
4		Dec 20, 2011	Ontario	
5	13:23	Dec 20, 2011	Alberta	
6	12:07	Dec 28, 2011	Alberta	
7	06:37	Dec 28, 2011	Alberta	
9	06:50	Dec 30, 2011	Alberta	
10	07:57	Jan 03, 2012	Alberta	
11	17:30	Jan 05, 2012	BC	
13	15:01	Jan 05, 2012	Alberta	
11	11:11	Feb 03, 2012	Alberta	
14	21:55	Mar 06, 2012	Manitoba	
16	06:33	Mar 08, 2012	Alberta	
17	08:14	Mar 21, 2012	Ontario, Alberta	
19	10:56	Apr 24, 2012	Alberta	
20	11:57	Apr 24, 2012	Manitoba	
3	15:10	Jun 20, 2012	Alberta, BC	
2	21:51	Jun 21, 2012	Ontario, ALberta	3 nibs
2	07:48	Aug 08, 2012	Alberta	
1	10:42	Aug 14, 2012	Manitoba, Alberta	
3	20:24	Aug 28, 2012	Alberta, BC	
4	17:15	Sep 04, 2012	Manitoba	

$1.80 (101359) Sc. 2509

Roll#	Time	Date	Location	Comment
2	16:29	Nov 21, 2011	Manitoba, Alberta	
3	06:25	Nov 22, 2011	Manitoba, Alberta	
4	15:03	Nov 22, 2011	Ontario	
4	12:56	Dec 19, 2011	Ontario, ALberta	
5	09:44	Jan 06, 2012	Manitoba	
6	12:40	Jan 06, 2012	Manitoba, Alberta, BC	
7	06:32	Jan 10, 2012	Alberta	
8	09:40	Feb 04, 2012	Alberta	
9	14:45	Feb 06, 2012	Ontario, Alberta	

Permanent™ Daylilies (101829) Sc. 2527-2528

Roll#	Time	Date	Location	Comment
1	07:18	Feb 10, 2012	Manitoba	
2	11:21	Feb 10, 2012	Alberta	
3	18:41	Feb 10, 2012	Alberta	
4	08:13	Mar 10, 2012	BC	
9	06:43	Mar 17, 2012	Ontario	
10	08:08	Feb 18, 2012	Manitoba, Alberta	

CFL Team Logo – BC Lions (101361) Sc. 2559

Roll#	Time	Date	Location	Comment
2	16:26	May 22, 2012	Mail order	
2	08:28	May ?3, 2012	Manitoba	
3	09:47	May 23, 2012	BC	

CFL Team Logo – Saskatchewan Roughriders (101362) Sc. 2562

Roll#	Time	Date	Location	Comment
1	10:05	May 28, 2012	Alberta	
2	14:28	May 28, 2012	Manitoba	
2	08:35	May 29, 2012	Manitoba	
2	19:49	Jun 04, 2012	Alberta	

CFL Team Logo – Edmonton Eskimos (101363) Sc. 2560

Roll#	Time	Date	Location	Comment
4	19:18	May 23, 2012	Alberta	
5	19:20	May 24, 2012	Manitoba	

CFL Team Logo – Calgary Stampeders (101364) Sc. 2561



Roll#	Time	Date	Location	Comment
1	03:27	May 25, 2012	Alberta	
2	15:16	May 25, 2012	Alberta	
4	08:58	May 27, 2012	Manitoba, Alberta	

CFL Team Logo – Manitoba Blue Bombers (101365) Sc. 2563



Roll#	Time	Date	Location	Comment
2	07:38	May 30, 2012	Manitoba	

CFL Team Logo – Hamilton Tiger-Cats (101366) Sc. 2564



Roll#	Time	Date	Location	Comment
3	11:45	May 25, 2012	Manitoba	

CFL Team Logo – Toronto Argonauts (101367) Sc. 2565



Roll#	Time	Date	Location	Comment
2	19:??	May 29, 2012	Manitoba	

CFL Team Logo – Montreal Alouettes (101368) Sc. 2566



Roll#	Time	Date	Location	Comment
2	13:57	May 18, 2012		
3	10:32	May 22, 2012	Manitoba	

Permanent™ (101369) Sc. 2604



Roll#	Time	Date	Location	Comment
2	21:43	Nov 23, 2012	Alberta, Ontario	
3	06:36	Nov 26, 2012	BC, Alberta	
8	21:09	Dec 11, 2012	Manitoba	
10	11:24	Dec 28, 2012	BC	
11	09:35	Jan 02, 2013	Alberta	
13	18:12	Jan 02, 2013	Alberta	
30	07:15	Jan 15, 2013	Alberta	
20	15:06	Jan 15, 2013	Alberta	
20	10:17	Jan 16, 2013	Alberta	
22	07:11	Jan 17, 2013	Alberta	
23	16:02	Jan 17, 2013	Manitoba, Alberta	
25	23:18	Jan 17, 2013	Alberta	
46	19:30	Jan 30, 2013	Alberta	
49	22:54	Jan 31, 2013	Manitoba, Alberta	
53	12:19	Feb 02, 2013	Alberta	
59	10:24	Feb 05, 2013	Alberta	
63	19:20	Feb 07, 2013	Alberta	
66	20:12	Feb 12, 2013	Manitoba	
71	06:39	Feb 16, 2013	Alberta	
76	20:26	Feb 20, 2013	Alberta	
75	12:49	Feb 22, 2013	Alberta	
80	13:05	Feb 25, 2013	Alberta	
85	21:30	Feb 26, 2013	Manitoba	
86	07:42	Feb 27, 2013	Alberta	
87	17:15	Feb 27, 2013	Alberta	
89	08:22	Mar 01, 2013	Alberta	
96	16:35	Mar 06, 2013	Alberta	
93	16:17	Mar 18, 2013	Alberta	
98	05:45	Mar 22, 2013	Alberta	
103	07:10	Mar 25, 2013	Alberta	
105	19:14	Mar 25, 2013	Manitoba	
107	13:44	Mar 26, 2013	Alberta	
110	13:23	Apr 01, 2013	Alberta	
118	11:57	Apr 04, 2013	Alberta	
121	05:49	Apr 05, 2013	Alberta	
145	17:50	Apr 29, 2013	Alberta	
145	16:37	Apr 29, 2013	Alberta	
146	20:10	Apr 29, 2013	Alberta	
151	22:08	May 01, 2013	Alberta	
163	13:58	May 06, 2013	Alberta	
166	19:50	May 08, 2013	Alberta	
167	01:58	May 09, 2013	Alberta	
173	11:05	May 13, 2013	Manitoba, Alberta	
175	20:26	May 14, 2013	Manitoba	
188	16:49	May 22, 2013	Alberta	
192	08:44	May 27, 2013	Manitoba	
201	17:16	May 30, 2013	Alberta	
7	07:39	Jun 03, 2013	Alberta	
17	14:50	Jun 06, 2013	Alberta	
20	07:58	Jun 07, 2013	Alberta	
17	20:05	Aug 20, 2013	Alberta	
26	10:43	Aug 23, 2013	Alberta	
199	07:29	Aug 24, 2013	Manitoba	
33	18:14	Aug 29, 2013	Alberta	
R45	12:49	Sep 08, 2013	Alberta	
46	07:25	Sep 08, 2013	Alberta	
52	16:29	Sep 16, 2013	Alberta	
68	13:12	Sep 21, 2013	Manitoba, Ontario	narrower tagging
70	14:56	Sep 22, 2013	Alberta	
75	17:13	Sep 24, 2013	Alberta	
85	19:49	Oct 01, 2013	Manitoba	
101	00:35	Dec 13, 2013	Alberta	
104	14:33	Dec 16, 2013	Alberta	
105	17:43	Dec 16, 2013	Alberta	

106	23:08	Dec 16, 2013	Alberta	
108	17:05	Dec 17, 2013	Alberta	
113	20:36	Dec 19, 2013	Manitoba	

$1.10 (101370) — Sc. 2605



Roll#	Time	Date	Location	Comment
3	09:21	Nov 28, 2012	Alberta	
3	14:43	Nov 28, 2012	Alberta	
4	21:14	Nov 28, 2012	Manitoba, Alberta	
5	06:29	Dec 01, 2012	Alberta	
7	18:20	Jan 11, 2013	BC	
8	21:52	Jan 11, 2013	Alberta	
8	13:57	Jan 21, 2013	BC	
9	07:51	Jan 22, 2013	Alberta	
10	08:11	Jan 23, 2013	Manitoba	
10	01:12	Feb 12, 2013	Manitoba	
13	16:49	Feb 14, 2013	Alberta	
12	16:07	Mar 11, 2013	Alberta	
15	15:38	Mar 11, 2013	Manitoba	
14	15:45	Mar 12, 2013	Alberta	
17	22:12	Mar 13, 2013	Manitoba, Alberta	
18	21:51	Mar 14, 2013	Alberta	
1	09:34	Apr 20, 2013	Manitoba	
3	16:09	May 17, 2013	Alberta	
4	07:17	May 19, 2013	Manitoba	
4	06:37	May 25, 2013	Alberta	
5	08:25	May 25, 2013	Alberta	
6	16:58	Jun 10, 2013	Manitoba	
8	11:23	Jun 20, 2013	Manitoba	
9	10:09	Jun 29, 2013	Ontario	narrower tagging
7	23:48	Jun 10, 2013	Alberta	
9	11:59	Jun 21, 2013	Alberta	
10	16:47	Jun 25, 2013	Alberta	
11	20:14	Jun 25, 2013	Manitoba	
2	19:34	Sep 09, 2013	Alberta	
1	06:40	Jan 07, 2014	Alberta	

$1.34 (101371) — Sc. 2606



Roll#	Time	Date	Location	Comment
2	14:56	Nov 27, 2012	Manitoba, Ontario, Alberta	
3	17:30	Nov 30, 2012	Alberta	
3	08:32	Nov 23, 2012	Alberta	
3	14:43	Dec 02, 2012	Alberta	
3	14:48	Dec 2012	Alberta	
6	08:04	Sec 14, 2012	Alberta	
6	20:29	Jan 06, 2013	Alberta	
4	15:00	Jan 08, 2013	Manitoba	
5	13:48	Jan 10, 2013	Alberta	
6	18:15	Jan 10, 2013	Manitoba, Alberta	
7	10:22	Jan 11, 2013	BC	
8	17:46	Jan 14, 2013	Alberta	
8	17:02	Jan 22, 2013	Alberta	
17	16:37	Jan 24, 2013	Alberta	
10	17:00	Feb 28, 2013	Manitoba	
16	06:33	Mar 09, 2013	Alberta	
11	05:25	Mar 10, 2013	Alberta	
12	14:53	Mar 27, 2013	Alberta	
13	12:44	Apr 21, 2013	Alberta	
15	22:58	Apr 22, 2013	Manitoba	
1	15:21	Apr 28, 2013	Alberta	
2	07:15	May 26, 2013	Alberta	
3	12:19	May 26, 2013	Manitoba	
5	02:37	Jun 13, 2013	Alberta	
6	02:40	Jun 14, 2013	Ontario	narrower tagging
1	17:20	Jul 31, 2013	Ontario, MB, AB	narrower tagging
2	17:12	Aug 01, 2013	Alberta	
3	12:55	Sep 10, 2013	Alberta	
5	12:17	Sep 14, 2013	Alberta	

$1.85 (101372) — Sc. 2607



Roll#	Time	Date	Location	Comment
2	15:53	Nov 17, 2012	Alberta	
2	15:53	Nov 29, 2012	Manitoba, Alberta	
1	09:16	Nov 30, 2012	Ontario, Alberta	
3	14:25	Nov 30, 2012	Manitoba	
3	17:30	Nov 30, 2012	Alberta	
3	12:48	Jan 07, 2013	Alberta	
4	16:46	Jan 07, 2013	Alberta	
4	05:56	Mar 16, 2013	Alberta	
6	08:44	Mar 16, 2013	Manitoba, Alberta	
1	16:58	Apr 18, 2013	Alberta	
2	00:44	Apr 23, 2013	Alberta	
3	20:17	Apr 23, 2013	Alberta	

Permanent™ Magnolias (101885) — Sc. 2622-2623




Roll#	Time	Date	Location	Comment
3	07:27	Nov 21, 2012	Manitoba	
4	19:33	Nov 21, 2012	Alberta	
6	08:04	Dec 14, 2012	Alberta	
8	17:46	Jan 14, 2013	Alberta	
10	16:33	Jan 15, 2013	Manitoba, Alberta	
11	16:46	Jan 16, 2013	Alberta	

63¢ NHL Team Logo – Montreal Canadiens (101374) — Sc. 2665


Roll#	Time	Date	Location	Comment

63¢ NHL Team Logo – Ottawa Senators (101375) Sc. 2668


Roll#	Time	Date	Location	Comment

63¢ NHL Team Logo – Toronto Maple Leafs (101376) Sc. 2664


Roll#	Time	Date	Location	Comment

63¢ NHL Team Logo – Winnipeg Jets (101377) Sc. 2667



Roll#	Time	Date	Location	Comment
2	17:27	Jul 25, 2013	Manitoba	
3	12:31	Jul 30, 2013	Manitoba	

63¢ NHL Team Logo – Calgary Flames (101378) Sc. 2666



Roll#	Time	Date	Location	Comment
2	10:35	Jul 30, 2013	Alberta	
2	13:24	Jul 30, 2013	Alberta	

63¢ NHL Team Logo – Edmonton Oilers (101379) Sc. 2663



Roll#	Time	Date	Location	Comment
5	00:56	Jul 30, 2013	Alberta	

63¢ NHL Team Logo – Vancouver Canucks (101380) Sc. 2662



Roll#	Time	Date	Location	Comment
3	12:08	Jul 30, 2013		

Permanent™ – Superman (101383) Sc. 2678



Roll#	Time	Date	Location	Comment
1	07:12	Aug 16, 2013	Alberta	
3	08:07	Aug 17, 2013	Manitoba	
5	13:02	Aug 19, 2013	Alberta	
5	09:48	Aug 28, 2013	Manitoba	

63¢ Woodchuck (101381) Sc. 2692



Roll#	Time	Date	Location	Comment
2	06:48	Oct 06, 2013	Alberta	
6	19:42	Oct 07, 2013	Ontario	
12	19:28	Oct 09, 2013	Manitoba	
14	14:40	Oct 10, 2013	Alberta	
16	17:41	Oct 10, 2013	Manitoba	
22	11:14	Oct 14, 2013	Alberta	
23	15:02	Oct 16, 2013	Alberta	(second label)
24	07:27	Oct 19, 2013	Ontario	
28	16:34	Oct 21, 2013	Alberta	
34	08:42	Oct 23, 2013	Alberta	
52	06:22	Nov 11, 2013	Alberta	
63	18:54	Nov 14, 2013	Alberta	
84	20:49	Nov 25, 2013	Alberta	

Permanent™ – Beavers (101384) Sc. 2711

Roll#	Time	Date	Location	Comment
3	21:23	Feb 20, 2014	Alberta	
15	14:47	Feb 21, 2014	Alberta	
11	10:09	Feb 22, 2014	Manitoba	
12	12:37	Feb 23, 2014	Manitoba	
35	05:40	Mar 24, 2014	Alberta	
20	21:25	May 15, 2014	Alberta	
85	06:53	May 18, 2014	Alberta	
71	23:47	May 21, 2014	Alberta	(label over another)
77	11:08	May 2?, 2014	Manitoba	
101	11:08	Jun 17, 2014	Manitoba	
107	02:08	Jun 24, 2014	Manitoba	
117	19:50	Jul 08, 2014	Alberta	
121	23:?7	Jul 09, 2014	Alberta	
157	09:36	Aug 16, 2014	Alberta	
160	10:12	Aug 18, 2014	Manitoba	
162	23:25	Aug 18, 2014	Alberta	
4	16:33	Sep 10, 2014	Alberta	
197	12:59	Sep 29, 2014	Alberta	
6	09:18	Oct 15, 2014	Alberta	
163	20:?8	Oct 21, 2014	Manitoba	
188	14:47	Oct 21, 2014	Alberta	
5	19:21	Oct 29, 2014	Manitoba	
208	15:07	Nov 04, 2014	Manitoba	
17	21:43	Nov 11, 2014	Alberta	
20	13:59	Nov 13, 2014	Manitoba	
200	14:47	Nov 26, 2014	Alberta	
207	15:19	Nov 03, 2014	Alberta	
19	14:09	Dec 16, 2014	Alberta	
21	16:35	Dec 18, 2014	Alberta	
28	14:50	Dec 19, 2014	Alberta	
29	19:40	Dec 19, 2014	Manitoba	
30	08:29	Dec 29, 2014	Manitoba	
44	08:47	Jan 30, 2015	Alberta	
46	18:31	Feb 02, 2015	Alberta	
47	07:10	Feb 03, 2015	Alberta	
60	22:24	Feb 17, 2015	Manitoba	
62	15:57	Feb 18, 2015	Alberta	
66	08:47	Mar 05, 2015	Alberta	
67	13:11	Mar 05, 2015	Manitoba	
73	08:23	Mar 06, 2015	Alberta	
81	15:18	Apr 24, 2015	Manitoba	
86	15:08	May 04, 2015	Alberta	
87	06:31	May 05, 2015	Manitoba	
93	11:31	May 07, 2015	Alberta	
95	14:59	May 15, 2015	Alberta	
97	14:02	May 19, 2015	Manitoba	
7	15:08	May 22, 2015	Alberta	
9	16:42	Jul 03, 2015	Alberta	
30	16:51	Jul 10, 2015	Alberta	
27	13:??	Jul 13, 2015	Alberta	
29	09:59	Jul 14, 2015	Manitoba	
32	14:58	Jul 14, 2015	Alberta	
39	14:50	Jul 20, 2015	Alberta	
56	16:41	Jul 27, 2015	Alberta	
59	19:37	Jul 28, 2015	Manitoba	
63	08:47	Aug 17, 2015	Alberta	
67	19:50	AUG 18, 2015	Alberta	full uppercase of text
71	16:41	Aug 20, 2015	Alberta	
72	21:03	Aug 20, 2015	Alberta	
15	16:20	Nov 19, 2015	Alberta	
17	11:17	Nov 20, 2015	Manitoba	
22	22:28	Nov 25, 2015	Manitoba	

(following 2 dates were received in early 2017. Hmm?)

2	20:36	Dec 22, 2015	Manitoba	
3	11:20	Dec 23, 2015	Alberta	
17	16:17	Jan 19, 2016	Alberta	Back #'s
19	09:24	Jan 27, 2016	Alberta	
23	14:50	Jan 28, 2016	Ontario	
26	14:41	Jan 29, 2016	Alberta	
36	11:03	Mar 03, 2016	Manitoba, Alberta	
48	22:01	Mar 17, 2016	Alberta	
6?	10:21	Apr ?8, 2016	Alberta	
62	06:43	Apr 18, 2016	Manitoba	
63	10:21	Apr 18, 2016	Alberta	
67	19:09	Apr 19, 2016	Alberta	
86	14:43	May 16, 2016	Alberta	
87	14:41	May 18, 2016	Alberta	
4	14:39	Jun 02, 2016	Manitoba, Alberta	
94	16:18	Jun 22, 2016	Manitoba	
95	14:44	Jun 23, 2016	Alberta	
9	15:58	Jun 29, 2016	Alberta	
10	06:29	Jun 30, 2016	Manitoba	
?	14:41	Jul 06, 2016	Alberta	
24	08:19	Jul 27, 2016	Alberta	
27	07:04	Jul 29, 2016	Ontario	
31	14:33	Aug 18, 2016	Alberta	
35	16:04	Aug 22, 2016	Manitoba	
2	14:37	Aug 29, 2016	Alberta	
2	14:37	Aug 29, 2016	Alberta	
43	14:26	Sep 07, 2016	Ontario	
5	15:39	Sep 13, 2016	Alberta	
7	14:45	Sep 16, 2016	Alberta	
13	19:17	Sep 21, 2016	Manitoba	
24	13:34	Oct 26, 2016	Alberta	
25	19:05	Oct 26, 2016	Alberta	
29	18:15	Oct 28, 2016	Manitoba	
30	17:56	Nov 03, 2016	Alberta	
32	06:59	Nov 07, 2016	Alberta	
34	14:31	Nov 08, 2016	Alberta	
38	10:48	Nov 10, 2016	Manitoba	
44	16:28	Nov 16, 2016	Manitoba	
45	18:18	Nov 15, 2016	Manitoba	
48	16:30	Nov 17, 2016	Alberta	
54	18:16	Nov 21, 2016	Alberta	
61	14:40	Nov 24, 2016	Alberta	
74	15:23	Dec 14, 2016	Alberta	
76	08:55	Dec 15, 2016	Manitoba	
77	14:40	Dec 15, 2016	Alberta	
92	08:44	Jan 19, 2017	Alberta	
9?	19:25	Jan 19, 2017	Alberta	
93	20:35	Jan 19, 2017	Alberta	
2	15:45	Feb 06, 2017	Alberta	
1	22:12	Feb 10, 2017	Manitoba	
1	14:36	Feb 15, 2017	Quebec	
15	14:19	Feb 27, 2017	Alberta	
23	08:26	Mar 01, 2017	Alberta	
34	15:21	Mar 14, 2017	Manitoba	
35	1?:45	Mar 15, 2017	Alberta	
39	09:38	Mar 20, 2017	Alberta	
46	13:08	Mar 31, 2017	Alberta	
49	08:54	Apr 18, 2017	Manitoba	
55	17:11	Apr 19, 2017	Alberta	
1	07:33	May 25, 2017	Quebec	
7	14:36	Jun 07, 2017	Alberta	
8	18:25	Jun 07, 2017	Alberta	
2?	18:12	Jun 11, 2017	Manitoba	
14	14:14	Jun 29, 2017	Alberta	
19	14:29	Jul 11, 2017	Alberta	
21	16:0?	Jul 12, 2017	Alberta	
30	15:58	Jul 24, 2017	Manitoba, Alberta	
35	14:36	Jul 31, 2017	Manitoba	
43	11:53	Aug 15, 2017	Alberta	
45	10:34	Aug 16, 2017	Quebec	
45	10:34	Aug ??, 2017	Manitoba	
49	10:16	Aug 30, 2017	Manitoba	
5?	15:06	Sep 01, 2017	Alberta	

64	22:29	Sep 19, 2017	Manitoba
66	10:55	Sep 21, 2017	Alberta
69	08:14	Sep 27, 2017	Alberta
2	09:??	Sep 28, 2017	Quebec
10	13:13	Oct 10, 2017	Quebec
10	14:13	Oct 10, 2017	Alberta
11	14:22	Oct 11, 2017	Quebec
12	15:53	Oct 11, 2017	Alberta
14	12:27	Oct 16, 2017	Alberta
60	06:?0	Nov 16, 2017	Manitoba
65	18:10	Nov 20, 2017	Alberta
36	08:00	Nov 23, 2017	Alberta
44	09:41	Dec 08, 2017	Manitoba
44		Dec 17, 2017	Ontario ?

$1.20 – Mountain Goat (101386) Sc. 2712

Roll#	Time	Date	Location	Comment
1	08:59	Feb 26, 2014	Manitoba, Ontario, Alberta	
3	01:52	Feb 27, 2014	Alberta	
3	18:04	Mar 27, 2014	Manitoba	
6	23:19	Apr 07, 2014	Alberta	
13	20:46	Jun 02, 2014	Manitoba	
13	20:46	Jul 02, 2014	Alberta	
14	10:32	Jul ?3, 2014	Manitoba	
15	20:04	Aug 07, 2014	Manitoba	
11	08:32	Oct 22, 2014	Manitoba	
2	15:09	Oct 22, 2014	Alberta	
2	14:41	Nov 28, 2014	Manitoba	
3	18:14	Nov 28, 2014	Alberta	
1	12:30	Jan 23, 2015	Alberta	
3	06:50	Jan 23, 2015	Alberta	
1	15:36	Feb 09, 2015	Manitoba	
2	19:10	Feb 09, 2015	Alberta	
3	14:00	Mar 10, 2015	Manitoba, Alberta	
4	16:13	Mar 24, 2015	Alberta	
4	19:25	Mar 24, ????	Manitoba	
5	16:03	Mar 26, 2015	Manitoba	
5	15:44	Apr 10, 2015	Alberta	
6	15:34	Jun 10, 2015	Manitoba, Alberta	
8	08:29	Jul ?3, 2015	Alberta	
3	15:30	Oct 28, 2015	Manitoba	
1	09:59	Oct 29, 2015	Alberta	
2	??:11	Jan 06, 2016	Alberta	Back #'s
4	06:46	Feb 29, 2016	Manitoba, Alberta, Ontario	
5	09:35	Mar 29, 2016	Manitoba	
7	07:21	May 02, 2016	Ontario	
1	19:20	Jun 06, 2016	Manitoba	
2	18:19	Jun 07, 2016	Manitoba, Ontario, Alberta	
1	15:37	Oct 03, 2016	Manitoba, Alberta	
1	19:17	Oct 03, 2016	Alberta	
2	18:14	Dec 02, 2016	Manitoba, Alberta	
4	11:16	Dec 06, 2016	Alberta	
3	14:31	Jan 17, 2017	Alberta	
2	07:06	Feb 13, 2017	Alberta	
3	09:24	Feb 13, 2017	Manitoba, Alberta	
3	14:?8	Mar 03, 2017	Quebec	
5	15:43	Mar 23, 2017	Alberta, Manitoba, Quebec	
1	15:16	Jun 06, 2017	Alberta	
2	17:13	Jun 09, 2017	Manitoba	
3	14:29	Aug 10, 2017	Quebec	
4	17:30	Sep 21, 2017	Alberta	
1	10:56	Oct 02, 2017	Manitoba	
4	09:41	Oct 03, 2017	Alberta, Quebec	
2	13:18	Nov 24, 2017	Alberta	

$1.80 – Atlantic Puffin (101387) Sc. 2713

Roll#	Time	Date	Location	Comment
9	07:57	Feb 28, 2014	Alberta	
9	08:57	Feb 28, 2014	Ontario	
8	20:20	Mar 03, 2014	Alberta	
2	23:52	Mar 25, 2014	Manitoba, Alberta	
3	21:25	Apr 08, 2014	Alberta	
5	16:32	Apr 09, 2014	Manitoba, Alberta	
7	09:52	May 12, 2014	Alberta	
13	12:21	Jun 02, 2014	Manitoba, Alberta	
4	19:32	Jun 18, 2014	Alberta	
14	23:44	Jul 03, 2014	Manitoba, Alberta	
15	10:09	Jul 22, 2014	Alberta	
16	11:26	Sep 24, 2014	Manitoba	
3	07:48	Oct 07, 2015	Alberta	
1	14:46	Jan 28, 2015	Manitoba	
8	07:43	Jan 19, 2015	Manitoba	
8	13:09	Jan 19, 2015	Alberta	
1	14:46	Jan 28, 2015	Alberta	
4	14:40	Feb 10, 2015	Alberta	
2	16:03	Feb 23, 2015	Manitoba	
5	19:41	Mar 26, 2015	Manitoba, Alberta	
6	15:38	Mar 27, 2015	Alberta	
8	15:15	May 12, 2015	Manitoba	
9	10:05	May 13, 2015	Alberta	
10	14:36	May 13, 2015	Alberta	
1	1?:32	Jun 12, 2015	Alberta	
1	18:33	Jun 30, 2015	Manitoba	
2	19:38	Jul 15, 2015	Manitoba	
5	15:07	Oct 27, 2015	Alberta	
2	18:37	Oct 29, 2015	Manitoba, Ontario	
2	?3:22	Nov ?3, 2015	Alberta	
5	07:39	Nov 24, 2015	Alberta	
2	18:41	Jan 06, 2016	Alberta	back #'s
3	12:35	Jan 13, 2016	Alberta	
4	09:34	Jan 14, 2016	Alberta	
3	22:23	Jan 13, 2016	Manitoba	
1	09:37	Feb 22, 2016	Alberta	
2	07:05	Mar 10, 2016	Manitoba, Alberta	
4	19:03	Mar 29, 2016	Alberta	
5	07:52	Mar 30, 2016	Alberta	
6	15:03	Apr 15, 2016	Manitoba	
3	17:08	May 10, 2016	Alberta	
1	12:05	Aug 03, 2016	Manitoba, Alberta	
2	08:45	Sep 30, 2016	Alberta, Manitoba	
3	14:26	Oct 24, 2016	Alberta	
3	16:28	Oct 24, 2016	Alberta	
1	14:19	Dec 01, 2016	Alberta	
2	19:53	Dec 19, 2016	Manitoba	
3	0?:08	Feb 07, 2017	Manitoba	
4	12:10	Feb 07, 2017	Manitoba	
5	15:04	Feb 08, 2017	Alberta, Manitoba	
1	11:04	Feb 09, 2017	Alberta	
1	22:12	Feb 10, 2017	Manitoba	
2	18:38	Mar 01, 2017	Alberta	
4	21:19	Mar 06, 2017	Manitoba	
6	14:17	Mar 21, 2017	Manitoba, Quebec	
3	14:21	Apr 20, 2017	Alberta	

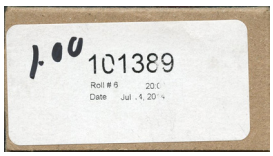
1	14:20	May 30, 2017	Alberta, Quebec	
4	14:35	Jun 27, 2017	Quebec, Alberta	
5	12:10	Aug 11, 2017	Alberta	
6	16:56	Aug 11, 2017	Quebec	
6	18:13	Sep 27, 2017	Manitoba	
7	08:51	Oct 12, 2017	Quebec	
8	10:59	Nov 02, 2017	Alberta, Quebec	
1	16:42	Dec 19, 2017	Alberta	
2	06:56	Dec 20, 2017	Alberta	

$2.50 – Wapiti (101388) Sc. 2714

Roll#	Time	Date	Location	Comment
1	20:30	Feb 24, 2014	Manitoba	
2	03:38	Feb 25, 2014	Manitoba	
4	02:15	Apr 01, 2014	Manitoba	
6	19:46	Apr 10, 2014	Alberta	
2	14:57	Dec 10, 2014	Alberta	
3	19:07	Dec 10, 2014	Manitoba	
3	21:41	Jan 06, 2015	Alberta	
4	09:39	Jan 15, 2015	Manitoba, Alberta	
3	16:08	Apr 14, 2015	Manitoba	
1	08:09	Jul 30, 2015	Alberta	
2	12:06	Jul 30, 2015	Manitoba	
2	19:17	Dec 21, 2015	Alberta	
3	21:43	Dec 21, 2015	Ontario	
7	13:47	Dec 21, 2015	Alberta	
4	06:57	Jan 11, 2016	Manitoba, Alberta	back #'s
3	16:42	Sep 02, 2016	Alberta	
1	14:51	Nov 30, 2016	Alberta	
2	17:14	Nov 30, 2016	Manitoba, Alberta	
1	17:12	Jan 16, 2017	Quebec	
?	17:12	Mar 16, 2017	Alberta	
2	14:11	Mar 24, 2017	Alberta, Quebec	
2	16:36	Nov 10, 2017	Alberta	

$1.00 – Burrowing Owl (101389) Sc. 2710

Roll#	Time	Date	Location	Comment
5A	09:38	Mar 06, 2014	Alberta	
7	16:19	Mar 06, 2014	Alberta	
7B	23:53	Mar 06, 2014	Alberta	



Roll#	Time	Date	Location	Comment
12	19:49	Apr 14, 2014	Alberta	
14	12:33	Apr 15, 2014	Alberta	
15	01:48	May 09, 2014	Alberta	
3	12:40	Jun 01, 2014	Alberta	
11	14:09	Jun 29, 2014	Alberta	
4	02:18	Jul 11, 2014	Manitoba (over 101384)	
4	02:18	Jul 11, 2014	Alberta	
5	13:??	Sep 30, 2014	Manitoba	
6	20:0?	Jul 14, 2014	Manitoba	
7	16:33	Aug 09, 2014	Manitoba, Alberta	
9	13:4?	Aug 23, 2014	Manitoba	
6	10:07	Oct 01, 2014	Manitoba	
3	14:42	Dec 05, 2014	Manitoba, Alberta	
10	1?:36	Dec 05, 2014	Manitoba	
10	06:44	Dec 08, 2014	Alberta	
5	14:36	Feb 04, 2015	Alberta	
7	21:04	Feb 10, 2015	Alberta	
6	07:35	Feb 25, 2015	Alberta	
8	13:01	Feb 25, 2015	Manitoba	
10	07:37	May 01, 2015	Manitoba	long, sticky wrapper
11	11:1?	May 01, 2015	Manitoba	long, sticky wrapper
12	14:54	May 11, 2015	Manitoba	
13	14:??	May 12, 2015	Alberta	
4	15:26	Jun 12, 2015	Alberta	
3	17:24	Jun 15, 2015	Alberta	
2	15:48	Jun 25, 2015	Manitoba	
6	06:53	Aug 05, 2015	Manitoba	
8	09:59	Aug 10, 2015	Manitoba, Alberta	
10	14:57	Aug 10, 2015	Alberta	
?	07:58	Nov 02, 2015	Manitoba	
2	14:33	Jan 08, 2016	Alberta (w/back #'s - unknown), Quebec	
2	07:02	Jan 25, 2016	Alberta	back #'s
3	14:57	Feb 23, 2016	Manitoba	
5	?8:57	Mar 09, 2016	Ontario	
6	1?:00	Mar 09, 2016	Alberta	
7	14:30	Mar 14, 2016	Alberta	
8	10:23	Mar 25, 2016	Alberta	
10	14:55	May 12, 2016	Alberta	
11	15:1?	May 16, 2016	Alberta	
3	10:25	Jul 11, 2016	Manitoba, Alberta	
6	06:30	Aug 09, 2016	Ontario	
5	16:39	Sep 27, 2016	Manitoba	
1	12:41	Sep 29, 2016	Manitoba, Alberta	
2	06:07	Nov 03, 2016	Manitoba, Alberta	
9	09:13	Dec 07, 2016	Alberta	
10	11:20	Dec 08, 2016	Alberta	
5	12:26	Dec 21, 2016	Alberta	
6	14:46	Feb 03, 2017	Quebec	
7	16:24	Feb 13, 2017	Alberta, Quebec	
1	15:11	Feb 14, 2017	Manitoba	
3	10:?2	Mar 03, 2017	Manitoba	
3	11:10	Mar 20, 2017	Alberta	
10	14:59	Apr 05, 2017	Manitoba	
4	14:52	Apr 06, 2017	Manitoba	
5	16:33	May 26, 2017	Alberta	
6	17:09	May 29, 2017	Alberta	
6	12:17	Jun 21, 2017	Manitoba	
7	16:01	Jun 21, 2017	Quebec	
2	16:47	Jul 07, 2017	Quebec	
2	06:59	Aug 09, 2017	Quebec	
3	14:22	Aug 09, 2017	Manitoba	
2	09:08	Aug 24, 2017	Alberta	
5	18:12	Nov 24, 2017	Alberta	
6	08:03	Dec 06, 2017	Manitoba	
2	14:3?	Jan 08, 2016?	Manitoba (rcvd Feb 15/18)	

CFL Team Logo – Ottawa Redblacks (403937117) Sc. 2754



Roll#	Time	Date	Location	Comment
1	19:33	May 07, 2014	Manitoba	

Permanent™ Roses (403930117) Sc. 2728-2729




Roll#	Time	Date	Location	Comment
2	19:32	Mar 10, 2014	Alberta	
3	22:30	Mar 11, 2014	Manitoba	
6	11:26	Mar 13, 2014	Alberta	
5	17:58	Mar 13, 2014	Manitoba	
5	10:41	Mar 15, 2014	Alberta	
8	10:41	Mar 15, 2014	Alberta	
9	10:14	Mar 16, 2014	Alberta	
10	05:50	Mar 18, 2014	Manitoba	
13	14:51	Mar 30, 2015	Manitoba	

Permanent™ Zamboni - Montreal Canadiens (403955117) Sc. 2782



Roll#	Time	Date	Location	Comment
3	14:35	Aug 26, 2014		

Permanent™ Zamboni - Ottawa Senators (403956117) Sc. 2780



Roll#	Time	Date	Location	Comment
15	09:59	Sep 03, 2014		

Permanent™ Zamboni - Toronto Maple Leafs (403957117) Sc. 2781



Roll#	Time	Date	Location	Comment
6	04:48	Aug 28, 2014	Alberta	

Permanent™ Zamboni - Winnipeg Jets (403958117) Sc. 2779



Roll#	Time	Date	Location	Comment
18	7:58	Sep 7, 2014	Manitoba	

Permanent™ Zamboni - Calgary Flames (403959117) Sc. 2784



Roll#	Time	Date	Location	Comment
13	23:34	Aug 28, 2014	Alberta	

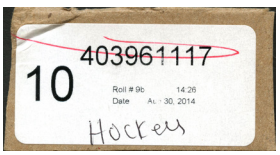
Permanent™ Zamboni - Edmonton Oilers (403960117) Sc. 2785



Roll#	Time	Date	Location	Comment
11	09:26	Sep 02, 2014		

Permanent™ Zamboni - Vancouver Canucks (403961117) Sc. 2783





Roll#	Time	Date	Location	Comment
9b	14:26	Aug 30, 2014	Alberta	

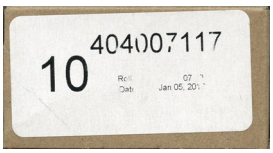
Permanent™ Pansies (403975117) Sc. 2810-1811



Roll#	Time	Date	Location	Comment
2	14:55	Jan 09, 2015	Manitoba, Alberta	
4	18:55	Jan 12, 2015	Alberta	
6	14:24	Jan 14, 2015	Alberta	

Permanent™ Hydrangeas (404007117) Sc. 2897-2898

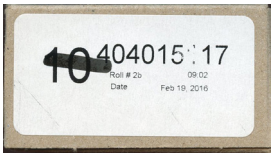




Roll#	Time	Date	Location	Comment
2	18:34	Dec 30, 2015	Alberta	Back numbering
?	07:??	Jan 05, 2015	Manitoba	
3	14:48	Jan 04, 2016	Alberta	
4	07:29	Jan 05, 2016	Alberta	
5	14:53	Jan 05, 2016	Alberta	
6	07:32	Jan 06, 2016	Ontario	
2b	09:02	Feb 19, 2016	Alberta	
7	06:37	Apr 07, 2016	Alberta	

Permanent™ Star Trek (404015117) Sc. 2913-2914





Roll#	Time	Date	Location	Comment
1	11:28	Feb 12, 2016	Manitoba	
2b	09:02	Feb 19, 2016	Manitoba	
3	15:34	Feb 19, 2016	Alberta	

Permanent™ Daisies (404033117) Sc. 2977-2978



Roll#	Time	Date	Location	Comment
2	14:41	Jan 23, 2017	Manitoba	
3	14:32	Jan 24, 2017	Manitoba, Alberta	
5	08:55	Jan 26, 2017	Alberta, Quebec	
6	08:18	Jan 27, 2017	Alberta	

Permanent™ Star Trek (404040117) Sc. 2985



Roll#	Time	Date	Location	Comment
3	15:09	Feb 23, 2017	Manitoba	
4	16:25	Feb 24, 2017	Alberta, Quebec	

Permanent™ – From Far and Wide [5 designs] (101398) Sc. 3062-3066



Roll#	Time	Date	Location	Comment
4	15:02	Jan 27, 2018	Manitoba	
6	10:39	Feb 07, 2018	Alberta	
11	07:37	Feb 09, 2018	Manitoba, Alberta	
16	14:35	Feb 15, 2018	Manitoba	
19	08:??	Mar 01, 2018	Manitoba	
33	13:45	Mar 16, 2018	Alberta	
37	07:24	Mar 23, 2018	Alberta	
38	14:29	Mar 26, 2018	Alberta	
46	07:56	Mar 29, 2018	Alberta	
47	??:??	Apr 17, 2018	Quebec	
56	10:49	Apr 23, 2018	Manitoba	
57	19:18	Apr 23, 2018	Manitoba	
60	10:58	Apr 30, 2018	Alberta	
64	15:51	May 01, 2018	Manitoba, Quebec	
17	14:14	May 03, 2018	Manitoba, Albreta	
11	08:40	May 07, 2018	Manitoba	
13	10:55	May 07, 2018	Alberta	
8	??:35	May 14, 201?	Alberta	
25	10:20	May 30, 2018	Manitoba	
26	18:26	May 30, 2018	Manitoba	
34	14:33	Jun 06, 2018	Alberta	
40	08:44	Jul 11, 2018	Quebec	
6	16:03	Jul 20, 2018	Manitoba	

8	18:21	Jul 23, 2018	Alberta
14	15:01	Jul 26, 2018	Manitoba
27	18:30	Aug 23, 2018	Alberta
29	19:47	Aug 24, 2018	Alberta
34	17:36	Aug 29, 2018	Manitoba
32	13:27	Sep 14, 2018	Quebec
10	14:40	Sep 24, 2018	Alberta
17	07:14	Oct 01, 2018	Manitoba
26	12:47	Oct 11, 2018	Manitoba
26	09:17	Oct 15, 2018	Manitoba
29	13:19	Oct 15, 2018	Alberta
35	15:09	Oct 17, 2018	Alberta

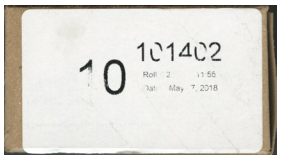
$1.20 – Point Pelee (ON) (101400) Sc. 3067


Roll#	Time	Date	Location	Comment
3	14:18	Jan 18, 2018	Manitoba, Alberta, Quebec	
1	14:20	Feb 05, 2018	Alberta	
3	06:15	Mar 1?, 2018	Alberta	
4	13:47	Mar 12, 2018	Alberta, Manitoba	
3	16:31	Apr 03, 2018	Manitoba	
1	19:32	Apr 26, 2018	Manitoba	
1	16:0?	May 17, 2018	Alberta	[larger label]
5	13:09	Jul 06, 2018	Manitoba, Alberta	[larger label]

$1.80 – Nááts'jhch'oh (NT) (101401) Sc. 3068


Roll#	Time	Date	Location	Comment
4	14:41	Jan 19, 2018	Manitoba, Alberta	
2	11:59	Feb 06, 2018	Alberta, Quebec	
5	16:43	Feb 06, 2018	Manitoba	
3	11:59	Feb 12, 2018	Alberta	
3	13:17	Mar 13, 2018	Alberta	
2	14:54	Mar 13, 2018	Quebec	
2	08:39	Apr 02, 2018	Alberta	
3	15:30	Apr 02, 2018	Manitoba, Alberta	
4	08:31	Apr 08, 2018	Manitoba	
1	15:45	Apr 25, 2018	Alberta	
?	20:18	Apr 25, 2018	Manitoba	
7	16:15	May 15, 2018	Alberta	[larger label]
6	16:34	May 16, 2018	Manitoba	
2	14:28	Jun 01, 2018	Manitoba	[larger label]

$2.50 – Arctic Bay (NU) (101402) Sc. 3069

Roll#	Time	Date	Location	Comment
2	11:55	May 7, 2018	Manitoba	

$1.00 – Pisew Falls (MB) (101403) Sc. 3070


Roll#	Time	Date	Location	Comment
3	07:26	Jan 17, 2018	Manitoba, Alberta	
4	06:51	Feb 13, 2018	Manitoba	
?	10:16	Ma? 14, 2018	Manitoba	
6	06:29	Mar 21, 2018	Quebec	
2	08:18	Apr 05, 2018	Manitoba	
3	19:21	Apr 05, 2018	Alberta	[re-labeled]
13	14:41	May 10, 2018	Manitoba	[larger label]
10	14:45	Jun 04, 2018	Manitoba	[larger label]
?3	07:26	Jun 17, 2018	Alberta	

Permanent™ Lotuses (404080117) Sc. 3088-3089

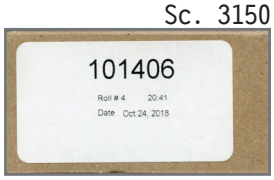



Roll#	Time	Date	Location	Comment
3	14:30	Feb 01, 2018	Manitoba, Quebec, Albeta	
8	18:29	Feb 02, 2018	Alberta	
7	17:1?	Feb 05, 2018	Manitoba	
7	17:21	Feb 05, 2018	Alberta	
6	07:40	Feb 14, 2018	Manitoba, Quebec, Alberta	

Permanent™ – From Far and Wide [5 designs] (101404) Sc. 3144-3148

Roll#	Time	Date	Location	Comment
2	16:05	Oct 30, 2018	Quebec	
8	14:39	Nov 08, 2018	Alberta	
11	11:29	Nov 09, 2018	Manitoba	
14	12:45	Nov 12, 2018	Alberta	
15	12:45	Nov 12, 2018	Manitoba	
24	14:24	Dec 19, 2018	Manitoba, Quebec	
25	16:14	Jan 09, 2019	Quebec	
33	16:59	Jan 14, 2019	Quebec	
38	16:15	Jan 23, 2019	Manitoba	
39	08:23	Jan 24, 2019	Alberta	
42	18:57	Jan 29, 2019	Manitoba	
46	07:38	Feb 01, 2019	Alberta	[larger label]
51	16:53	Feb 05, 2019	Alberta	[larger label]
58	08:45	Feb 08, 2019	Manitoba	
1	15:03	Feb 25, 2019	Alberta	[larger label]
7	06:56	Feb 28, 2019	Quebec	
15	11:00	Mar 11, 2019	Manitoba, Alberta	
22	07:05	Mar 14, 2019	Alberta	
26	07:10	Mar 20, 2019	Alberta	
27	11:19	Mar 20, 2019	Manitoba	
29	10:20	Mar 21, 2019	Alberta	
30	14:54	Mar 21, 2019	Alberta	
33	13:25	Mar 29, 2019	Alberta	
42	09:01	Apr 01, 2019	Manitoba	
45	16:02	May 06, 2019	Manitoba	
50	15:49	May 08, 2019	Manitoba	
54	15:31	May 10, 2019	Alberta	
58	16:01	May 15, 2019	Alberta	
60	15:44	May 27, 2019	Manitoba	
64	21:42	May 30, 2019	Alberta	
41	17:45	May 31, 2019	Manitoba	
4	20:33	Aug 13, 2019	Montreal	
9	15:01	Aug 20, 2019	Alberta	
15	12:09	Sep 10, 2019	Alberta	
17	10:36	Sep 11, 2019	Montreal	
18	??:06	Sep 11, 2019	Manitoba	
19	10:41	Sep 18, 2019	Alberta	
21	08:33	Sep 19, 2019	Montreal	
27	14:31	Sep 26, 2019	Manitoba	
35	15:14	Oct 01, 2019	Manitoba	
8	07:21	Oct 15, 2019	Montreal	
53	15:01	Oct 21, 2019	Alberta	
53	15:00	Oct 23, 2019	Manitoba, Alberta	
22	15:19	Oct 28, 2019	Alberta	
25	14:59	Oct 29, 2019	Montreal	
24	15:08	Nov 05, 2019	Alberta	

$1.27 – Smoke Lake (ON) (101406) Sc. 3150



Roll#	Time	Date	Location	Comment
3	14:54	Oct 24, 2018	Manitoba	
4	20:41	Oct 24, 2018	Quebec, Alberta	
5	15:04	Oct 24, 2018	Manitoba, Quebec	
8	18:26	Jan 08, 2019	Alberta, Quebec	
7	10:03	Jan 16, 2019	Manitoba, Alberta	
7	19:00	Feb 15, 2019	Alberta	[larger label]
1	14:06	Mar 05, 2019	Alberta	
4	15:50	Jun 03, 2019	Alberta	
1	16:02	Jun 05, 2019	Alberta	
2	16:06	Jul 15, 2019	Montreal	
1	19:42	Aug 26, 2019	Manitoba	

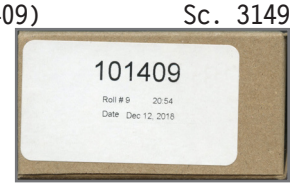
$1.90 – Mingan Archipelago National Park Reserve (QC) (101407) Sc. 3151

Roll#	Time	Date	Location	Comment
4	13:53	Oct 29, 2018	Quebec, Alberta	
5	08:00	Oct 29, 2018	Manitoba	
2	20:59	Nov 16, 2018	Alberta	
3	14:29	Nov 16, 2018	Manitoba	
6	19:18	Jan 16, 2019	Alberta, Manitoba	
2	20:40	Feb 19, 2019	Alberta	[larger label]
1	12:32	Mar 04, 2019	Quebec, Alberta	[larger label]
3	18:21	Mar 22, 2019	Alberta	
5	14:56	Mar 27, 2019	Manitoba, Alberta	
6	12:53	Mar 28, 2019	Manitoba, Alberta	
7	15:24	Jun 26, 2019	Manitoba	
1	15:39	Jul 10, 2019	Alberta	
2	16:05	Jul 11, 2019	Alberta	
2	17:36	Aug 27, 2019	Alberta, Manitoba	
4	14:48	Aug 29, 2019	Montreal	

$2.65 – Iceberg Alley (NL) (101408) Sc. 3152

Roll#	Time	Date	Location	Comment
3	14:06	Nov 01, 2018	Quebec	
4	09:36	Nov 01, 2018	Alberta	
2	19:31	Jan 02, 2019	Quebec	
1	14:48	Jan 25, 2019	Quebec, Alberta	[larger label]
1	15:37	Aug 08, 2019	Montreal	

$1.05 – Castle Butte (SK) (101409) Sc. 3149



Roll#	Time	Date	Location	Comment
2	10:33	Nov 14, 2018	Quebec, Alberta	
4	14:06	Nov 15, 2018	Alberta	
5	15:20	Nov 25, 2018	Quebec	
7	21:38	Dec 10, 2018	Manitoba	
8	14:34	Dec 12, 2018	Quebec	
9	20:54	Dec 12, 2018	Manitoba, Quebec	
11	14:36	Jan 18, 2019	Manitoba	
12	15:28	Jan 21, 2019	Quebec	
13	15:17	Jan 22, 2019	Alberta	
1	13:27	Mar 06, 2019	Manitoba	
3	15:33	Mar 06, 2019	Manitoba, Montreal	
14	18:19	Mar 07, 2019	Alberta	
14	14:48	Mar 26, 2019	Manitoba, Alberta	
16	15:48	Apr 30, 2019	Manitoba	
3	15:23	Jun 25, 2019	Manitoba	
4	15:25	Jul 16, 2019	Manitoba	

Permanent™ Gardenia (404105117) Sc. 3167-3168

Roll#	Time	Date	Location	Comment
4	19:32	Dec 20, 2018	Manitoba, Quebec	
5	12:40	Dec 20, 2018	Alberta	
6	17:32	Jan 03, 2019	Manitoba	
3	10:44	Jan 08, 2019	Alberta	

Permanent™ – From Far and Wide [5 designs] (101410) Sc. 3212-3216

Roll#	Time	Date	Location	Comment
2	14:00	Nov 15, 2019	Montreal, Alberta	
9	10:20	Nov 20, 2019	Manitoba, Alberta	
17	14:29	Nov 22, 2019	Manitoba	
25	08:28	Dec 23, 2019	Manitoba	
49	11:05	Mar 10, 2020	Manitoba	
52	14:28	Mar 10, 2020	Manitoba	
69	15:29	Ma? 10, 2020	Manitoba	
1	16:10	M?? 11, 2020	Montreal	
7	12:12	Mar 17, 2020	Manitoba	
9	14:48	Mar 18, 2020	Manitoba	
25	19:41	May 13, 2020	Manitoba	
31	08:15	May 27, 2020	Manitoba	
40	10:59	May 27, 2020	Montreal	
51	18:56	Jun 02, 2020	Alberta	[larger label]

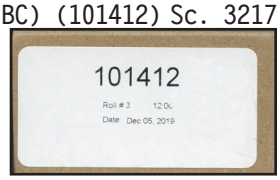
55	13:05	June04,2020	Manitoba	New label (font)
2	17:22	Aug 19 2020	Montreal	
10	11:24	Sep 08, 2020	Alberta	[larger label]
12	18:00	Nov 03,2020	Manitoba	slight change in layout
13	14:53	Jan 27, 2021	Montreal	
7	07:30	Mar 17, 2021	Montreal	
12	09:46	Apr 12, 2021	Montreal	
1	14:18	Apr 19, 2021	Montreal	
10	10:31	April 22, 2021	Manitoba	
9	10:31	April 22, 2021	Manitoba	slight change in layout
9	07:05	May 21, 2021	Manitoba	slight change in layout
6	12:25	Jun 11, 2021	Manitoba	slight change in layout
12	12:21	Aug 10, 2021	Manitoba	

3	22:25	Dec 02, 2021	Alberta	
7	13:20	Apr 03, 2023	Manitoba	

1	13:40	Apr 13, 2023	Manitoba	

$1.30 – Kootenay National Park (BC) (101412) Sc. 3217

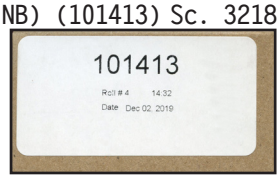




Roll#	Time	Date	Location	Comment
1	15:09	Dec 03, 2019	Montreal	
2	14:29	Dec 04, 2019	Manitoba, Montreal, Alberta	
3	12:00	Dec 05, 2019	Manitoba	
3	14:10	Dec 13, 2019	Alberta	
5	07:03	Jan 22, 2020	Alberta	
3	15:17	Mar 30, 2020	Manitoba	
4	13:01	Mar 31, 2020	Alberta	
1	15:30	June09, 2020	Montreal	
4	14:51	Nov 11, 2020	Montreal	New label
1	07:41	Feb 09, 2021	Manitoba	New label
1	07:45	Feb 09, 2021	Manitoba	New label

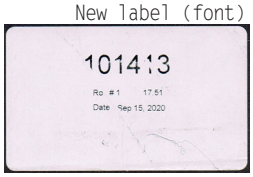
$1.94 – Swallowtail Lighthouse (NB) (101413) Sc. 3218



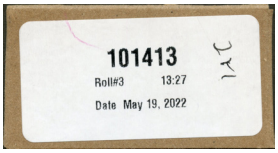


Roll#	Time	Date	Location	Comment
4	14:32	Dec 02, 2019	Manitoba, Montreal, Alberta	
3	14:37	Dec 03, 2019	Montreal	
5	17:05	Dec 16, 2019	Alberta	
5	08:02	Jan 23, 2020	Alberta	
1	07:04	Jan 24, 2020	Alberta	
2	14:30	Feb 11, 2020	Alberta	
1	09:04	Feb 12, 2020	Manitoba	
2	17:37	Feb 27, 2020	Manitoba	
3	08:35	Mar 02, 2020	Manitoba, Montreal	
3	18:30	Mar 25, 2020	Montreal	
4	13:10	Apr 14, 2020	Manitoba	
5	16:48	Apr 14, 2020	Alberta	

1	16:25	June 10,2020	Manitoba	New label (font)



2	16:28?	Sep 14, 2020	Alberta	Old style
1	17:51	Sep 15, 2020	Montreal	Old style
1	14:57	Oct 02, 2020	Montreal	Old style
1	11:10	Feb 05, 2021	Montreal	New

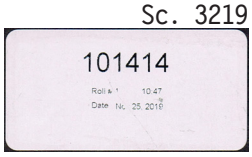


3	13:27	May 19, 2022	Alberta	

1	13:39	Jan 04, 2023	Alberta	
1	13:53	Jan 04, 2023	Manitoba	

$2.71 – Cabot Trail (NS) (101414) Sc. 3219





Roll#	Time	Date	Location	Comment
1	10:47	Nov 25, 2019	Montreal, Alberta	
2	10:01	Nov 26, 2019	Montreal	
3	14:43	Jan 07, 2020	Montreal	
4	14:49	Jan 23, 2020	Alberta	

$1.07 – Carcajou Falls (NT) (101415) Sc. 3220

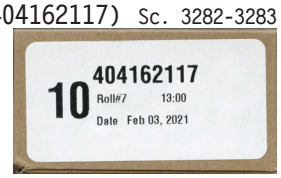


Roll#	Time	Date	Location	Comment
2	15:17	Dec 05, 2019	Manitoba, Montreal	
5	15:25	Jan 08, 2020	Alberta	
12	09:20	Jan 27, 2020	Manitoba	
12	21:26	Jan 27, 2020	Montreal	
9	17:01	Jan 29, 2020	Manitoba	
10	14:54	Jan 30, 2020	Manitoba	
11	21:49	Feb 12, 2020	Manitoba	
7	11:17	Mar 03, 2020	Montreal	
8	11:01	Mar 13, 2020	Manitoba	
10	20:29	Apr 30, 2020	Montreal	
2	14:35	Jan 13, 2021	Montreal	New label
1	18:32	Jan 18, 2021	Montreal	
2	21:45	Jan 19, 2021	Manitoba	
1	07:48	Feb 17, 2021	Manitoba	
1	07:33	Feb 22, 2021	Montreal	
3	15:19	Mar 29, 2021	Manitoba	

Permanent™ Dahlia (404129117) Sc. 3235-3236

Roll#	Time	Date	Location	Comment
2	17:16	Jan 10, 2020	Manitoba	
7	16:50	Jan 15, 2020	Manitoba, Alberta	
6	15:05	Jan 16, 2020	Manitoba	
8	21:04	Jan 17, 2020	Manitoba	

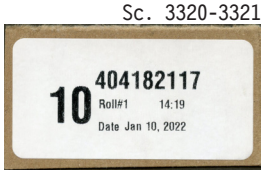
Permanent™ Crabapple Blossoms (404162117) Sc. 3282-3283



Roll#	Time	Date	Location	Comment
7	13:00	Feb 03, 2021	Manitoba	
7	13:34	Feb 03, 2021	Manitoba	

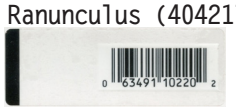
1	10:44	Feb 04, 2021	Manitoba	Slight change in font

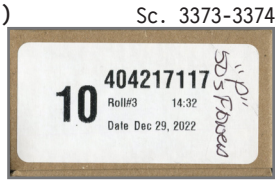
Permanent™ Calla (404182117) Sc. 3320-3321



Roll#	Time	Date	Location	Comment
1	14:19	Jan 10, 2022	Alberta	

Permanent™ Ranunculus (404217117) Sc. 3373-3374





Roll#	Time	Date	Location	Comment
3	14:32	Dec 29, 2022	Manitoba	

"Press Sheet"

The Library and Archives Canada has three "press sheets" of the first issue Flower coils. These consist of "2-up" groups of 100 stamps cut (with scissors) from the web of paper.

The press sheets are die cut using Pattern # 1, the "nibless" original die cutting mat, which has not been reported on issued Flower stamps.

There are some marginal markings on these stamps, with details illustrated below.

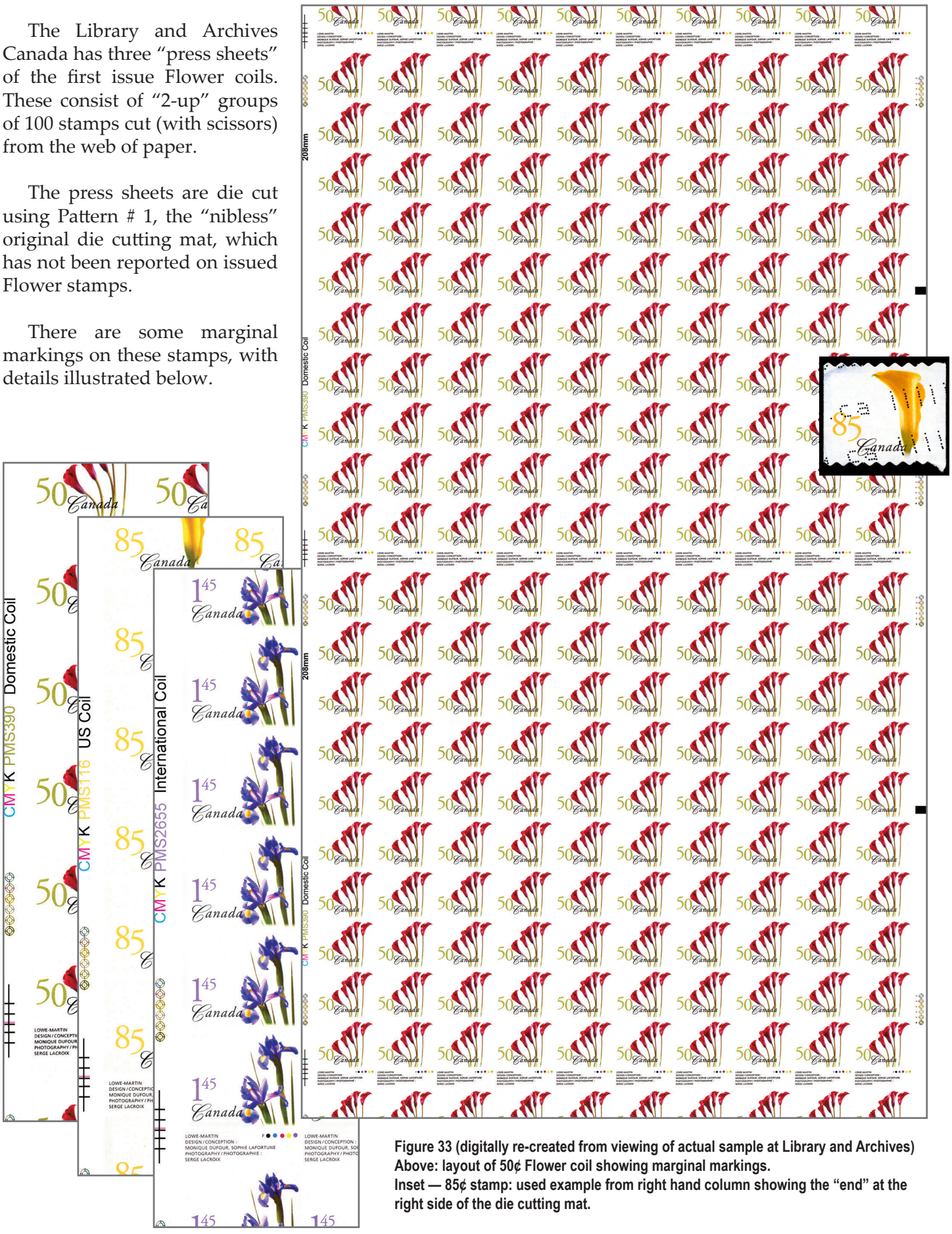


Figure 33 (digitally re-created from viewing of actual sample at Library and Archives)
Above: layout of 50¢ Flower coil showing marginal markings.
Inset — 85¢ stamp: used example from right hand column showing the "end" at the right side of the die cutting mat.

Flower Press “Panel”

In mid-September 2010, Canada Post released an uncut press “panel” of 100 of the 2010 Permanent™ Flower stamp (Scott 2357).

This press panel is die cut Pattern # 15.

The stamps are imperforate between the columns. If cut up, imperforate between pairs (or larger units) can be created.

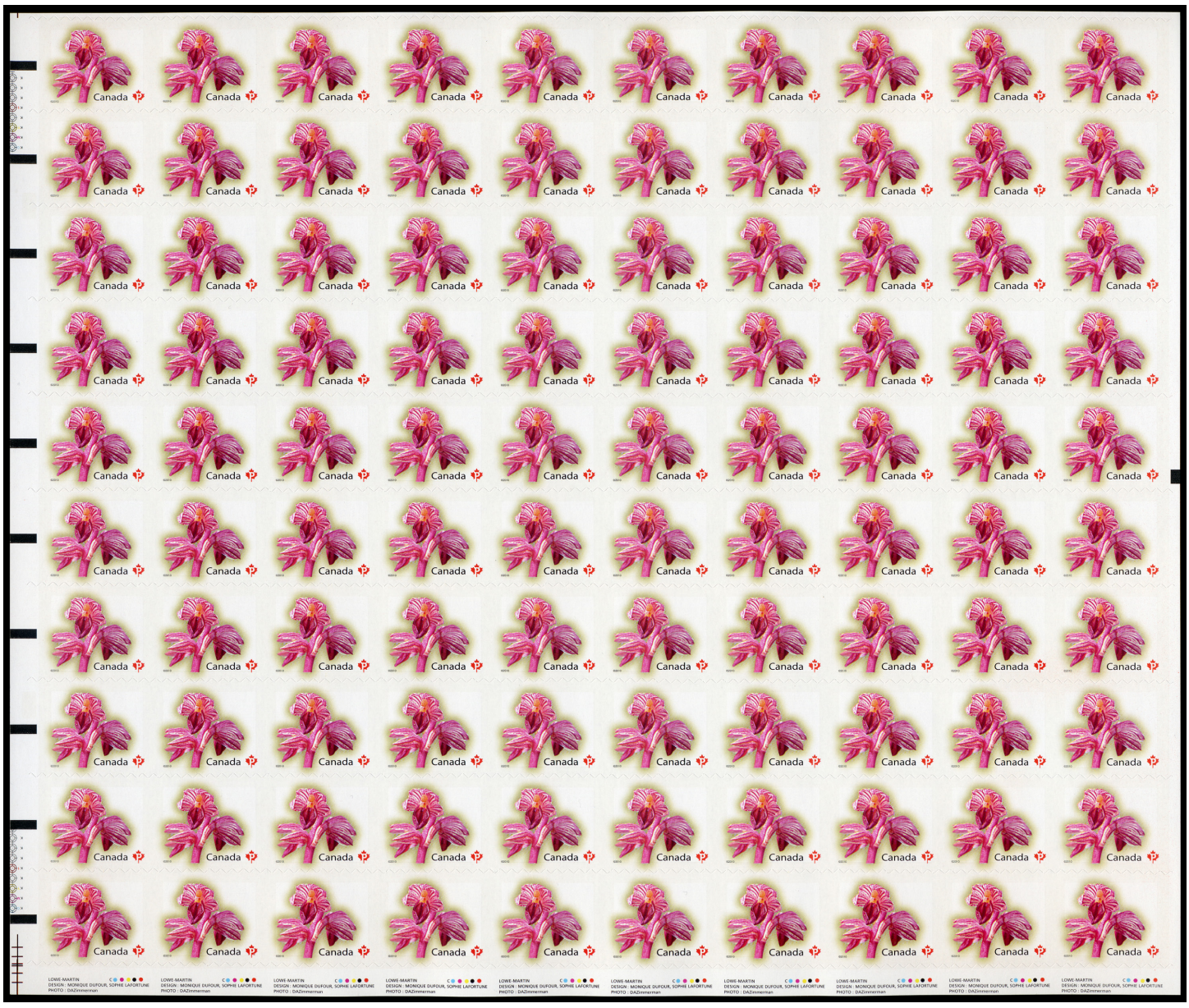


Figure 34
Uncut press panel

Arctic Hare (Baby Wildlife) Press “Panel”

Canada Post released an uncut press “panel” of 100 of the 2011 Permanent™ Baby Animal stamp (Scott 2426).

This press panel is die cut Pattern # 16 — the consistent, rounded die cutting.

The stamps are imperforate between the columns. If cut up, imperforate between pairs (or larger units) can be created.

Figure 35
Uncut press panel

What's the difference between producing booklets of Sunflower stamps and our popular coils? Plenty! For starters, the designer must resize and rearrange a vertical stamp to accommodate a horizontal format. Coil stamps are connected in a vertical row, as opposed to the horizontal connections in booklets. The coil stamps have straight edges on both sides, with top and bottom simulated perforations, instead of simulated perforations on all four sides. But perhaps the most important difference between coil and booklet stamp production is that they are printed on different presses. Coil stamps are printed on a Gallus web press, using ultraviolet inks, and perforated top and bottom in-line before being slit and coiled in a second separate operation. Booklets are printed on a Heidelberg sheet-fed press using traditional light-fast offset inks, and perforated and cut into booklets in a second separate operation.

This master roll is 665mm in diameter, and weighs 107kg. It contains approximately 1,000,000 stamps.

LOWE-MARTIN
Design : Isabelle Toussaint Design graphique
Photos : Gilles Marc Landreville Photography

En quoi diffère la fabrication des timbres de carnet consacrés aux tournesols de celle des timbres de rouleau, très appréciés du public ? En fait, les distinctions sont nombreuses ! Tout d'abord, la designer doit redimensionner et réarranger les éléments verticaux du timbre pour permettre un format horizontal. Les timbres de rouleau sont joints à la verticale, par opposition à l'horizontale dans les carnets. Ils présentent également des bords droits sur les deux côtés latéraux et une dentelure simulée pour les bords supérieur et inférieur plutôt qu'une dentelure sur les quatre côtés. Mais ce qui différencie peut-être le plus la fabrication d'un timbre de rouleau de celui d'un carnet est que tous deux sont imprimés sur des presses distinctes. Les premiers sont imprimés grâce à une presse rotative Gallus qui utilise des encres à séchage ultraviolet et qui produit une dentelure supérieure et inférieure en continu, avant d'être découpés en bandes qui seront enroulées, dans une seconde opération. Les timbres de carnet sont quant à eux imprimés au moyen d'une presse à feuilles Heidelberg utilisant des encres offset classiques à séchage ultra-rapide à la lumière. Dans un second temps, on réalise la dentelure et le découpage des carnets.

Bobine mère : diamètre - 665 mm ; poids – 107 kg.
Environ 1 000 000 timbres.