

Calculation Date: 30 Nov 2023

This report contains information regarding the National Bank of Canada Legislative Covered Bond Programme's Cover Pool as of the indicated Calculation Date. The composition of the Cover Pool will change as Loans are added and removed from the Cover Pool from time to time and, accordingly, the characteristics and performance of the Loans will vary over time.

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Programme Info	ormation							
<u>Series</u>	Initial Amount	Translation Rate	C\$ Equivalent	Maturity Date	Extended Due for Payment Date	Coupon Rate	Rate Type	Maturity Type
CBL7	€750,000,000	1.5998	\$1,199,812,500	13 Mar 2025	13 Mar 2026	0.750%	Fixed	Soft
CBL7 (Tranche 2)	€250,000,000	1.4336	\$358,400,000	13 Mar 2025	13 Mar 2026	0.750%	Fixed	Soft
CBL10	€750,000,000	1.5206	\$1,140,420,000	15 Jan 2024	15 Jan 2025	0.375%	Fixed	Soft
CBL15	€500,000,000	1.4887	\$744,350,000	25 Mar 2028	25 Mar 2029	0.010%	Fixed	Soft
CBL16	€750,000,000	1.4860	\$1,114,500,000	29 Sep 2026	29 Sep 2027	0.010%	Fixed	Soft
CBL17	€1,000,000,000	1.4164	\$1,416,430,000	27 Jan 2027	27 Jan 2028	0.125%	Fixed	Soft
CBL 18	USD\$1,250,000,000	1.2479	\$1,559,862,500	6 Apr 2027	6 Apr 2028	2.900%	Fixed	Soft
CBL 19	USD\$255,000,000	1.2605	\$321,427,500	21 Nov 2024	21 Nov 2025	SOFR +0.430%	Floating	Soft
CBL 20	£750,000,000	1.6125	\$1,209,375,000	5 May 2026	5 May 2027	SONIA +1.000%	Floating	Soft
CBL 21	CHF280,000,000	1.3680	\$383,037,200	3 Nov 2027	3 Nov 2028	1.958%	Fixed	Soft
CBL 22	€1,000,000,000	1.4679	\$1,467,885,000	25 Apr 2028	25 Apr 2029	3.500%	Fixed	Soft
			\$10,915,499,700					

Weighted Average Maturity of Outstanding Covered Bonds (months) 32.37
Weighted Average Remaining Term of Loans in Cover Pool (months) 25.72

Series Ratings	Moody's	DBRS	Fitch Ratings
CBL7	Aaa	AAA	AAA
CBL7 (Tranche 2)	Aaa	AAA	AAA
CBL10	Aaa	AAA	AAA
CBL15	Aaa	AAA	AAA
CBL16	Aaa	AAA	AAA
CBL17	Aaa	AAA	AAA
CBL 18	Aaa	AAA	AAA
CBL 19	Aaa	AAA	AAA
CBL 20	Aaa	AAA	AAA
CBL 21	Aaa	AAA	AAA
CBL 22	Aaa	AAA	AAA

Supplementary Information

Covered Bond Trustee & Custodian

Standby Account Bank & GIC Provider

Account Bank & GIC Provider

Parties

Guarantor Entity

Asset Monitor

Issuer National Bank of Canada (NBC)

NBC Covered Bond (Legislative) Guarantor Limited Partnership

Servicer & Cash Manager National Bank of Canada Swap Provider National Bank of Canada

Computershare Trust Company of Canada

Deloitte LLP

National Bank of Canada Royal Bank of Canada (RBC)

Paying Agents The Bank of New York Mellon (Luxembourg) S.A. & UBS AG.



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National Bank of Canada Ratings

-	Standard & Poor's	Moody's	DBRS	Fitch Ratings
Long Term Senior Debt	Α	Aa3	AA	AA-
Short Term Senior Debt	A-1	P-1	R-1 H	F1+
Outlook	Stable	Positive	Stable	Stable
Other Ratings	N/A	Counterparty Risk Assessment long term / short term Aa3(cr) / P-1 (cr) Deposit Rating long term / short term Aa3 / P-1	N/A	ssuer Default Rating long term / short term A+ / F1

Applicable Ratings of Standby Account Bank & GIC Provider (RBC)

	Moody's (Deposit Rating)	DBRS (Debt Ratings)	Fitch Ratings (Issuer Default Rating)
Long Term	Aa1	AA (high)	AA
Short Term	P-1	R-1 H	F1+

BBB (low)

BBB-

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Description of Ratings Triggers

A. Part	y Repl	acement
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If the rating(s) of the Party falls below the level stipulated below, such party is required to be replaced or in the case of the Swap Provider (i) transfer credit support and

(ii) replace itself or obtain a quarantee for its obligations

Role (Current Party)	Moody's	<u>DBRS</u>	<u>Fitch</u>
Account Bank & GIC Provider (NBC)	P-1*	R-1(low)* or A	F1* or A
Standby Account Bank & GIC Provider (RBC)	P-1*	R-1(low)* or A	F1* or A
Cash Manager (NBC)	P-2(cr)*	BBB (low)	F2*
Servicer (NBC)	Baa3	BBB (low)	F2*
Interest Rate Swap Provider (NBC)	P-2(cr)* or A3(cr)	R-2(mid)* or BBB	F2* or BBB+
Covered Bond Swap Provider (NBC)	P-2(cr)* or A3(cr)	R-2(mid)* or BBB	F2* or BBB+

Baa1

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Title Holder on Mortgages (NBC) B. Specified Rating Related Action

i. The following actions are required if the rating of the Cash Manager (NBC) falls below the stipulated rating:

	<u>IVIOOUY S</u>	<u>DBK5</u>	FILCIT
(a) Amounts received by the Servicer are to be deposited directly	P-1*	BBB(low)	F1* or A
to the GIC Account and not provided to the Cash Manager (b) Amounts held by the Cash Manager belonging to the Guarantor	P-1*	BBB(low)	F1* or A
are to be deposited to the Transaction Associates the CIC associate		(,	

ii. The following actions are required if the rating of the

Servicer (NBC) falls below the stipulated rating:

as applicable, within 5 business days

-	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Servicer is required to transfer amounts belonging to the Guarantor to the Cash Manager or the GIC Account, as applicable, within 2 business days	P-1(cr)*	BBB(low)	F1* or A

iii. The following actions are required if the rating of the

Issuer (NBC) falls below the stipulated rating:

	Moody's	DBK2	FILCH
(a) Repayment of the Demand Loan	N/A	N/A	F2* or BBB+
(b) Establishment of the Reserve Fund	P-1(cr)*	R-1(low)* or A(low)	F1* or A
(c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet	P-1*	6 months: A(high)	F1+*
Covered Bonds		12 months: A(low)	

iv. The following actions are required if the rating of the Issuer (NBC) falls below the stipulated rating:			
() so soperate temig	Moody's	<u>DBRS</u>	Fitch
(a) The Interest Rate Swap and the Covered Bond Swap will become effective except as otherwise provided in the Covered Bond Swaps	Baa1	BBB(high)	BBB+

v. Each Swap Provider is required to transfer credit support, replace itself or obtain a guarantee of its obligations if the rating of such Swap Provider falls below the specified rating.

	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Interest Rate Swap Provider	P-1(cr)* or A2(cr)(1	' '	F1* or A
(b) Covered Bond Swap Provider	P-1(cr)* or A2(cr)(1		F1* or A

*Short Term rating

Agreements

(1) In the case of the Interest Swap Provider, or, in the case of the Covered Bond Swap Provider prior to CBL7 only, if the applicable swap provider or its credit support provider does not have a short-term rating assigned by Moody's, the long term unsecured rating trigger is A1(cr).

Events of Default

Issuer Event of Default	No
Guarantor Event of Default	No



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Asset Coverag	

OSFI Covered Bond Ratio²
OSFI Covered Bond Ratio Limit:

-			
Outstanding Covered Bonds	\$10,915,499,700		
A = Lesser of (i) LTV Adjusted True Balance and	\$18,620,045,608	A(i): \$2	20,303,831,561
(ii) Asset Percentage Adjusted True Balance		A(ii): \$1	8,620,045,608
B = Principal Receipts	\$0	Asset Percentage: 91	.70%
C = Cash Capital Contributions	\$0	Maximum Asset Percentage: 93	3.00%
D = Substitute Assets	\$0		
E = Reserve Fund Balance	\$0	Regulatory OC Minimum: 10	3.00%
Y = Contingent Collateral Amount	\$0	Level of Overcollateralization ¹ : 10	9.12%
Z = Negative Carry Factor calculation	\$147,244,735		
Total: A + B + C + D + E - Y- Z	\$18,472,800,873		
Asset Coverage Test	<u>PASS</u>		

Note: Due to rounding, numbers presented may not add up precisely to the totals provided.

¹ Per Section 4.3.8 of the CMHC Guide, (A) the lesser of (i) the total amount of cover pool collateral and (ii) the amount of cover pool collateral required to collateralize the covered bonds outstanding and ensure the Asset Coverage Test is met, divided by (B) the Canadian dollar equivalent of the principal amount of covered bonds outstanding under the registered covered bond program.

Valuation Calculation			
Trading Value of Covered Bonds		\$10,747,976,194	
A = LTV Adjusted Loan Present Value		\$19,113,680,982	
B = Principal Receipts		\$0	
C = Cash Capital Contributions		\$0	
D = Trading Value of Substitute Assets		\$0	
E = Reserve Fund Balance		\$0	
F = Trading Value of Swap Collateral		\$0	
Present Value Adjusted Aggregate Asset Amount			
Total: A + B + C + D + E + F		\$19,113,680,982	
Weighted average market rate used for discounting:		7.45%	
Amortization Test			
Event of Default on the part of the registered Issuer?	No		
Do any Covered Bonds remain outstanding?	Yes		
Amortization Test Required?	No		
Amortization Test	N/A		
Intercompany Loan Balance			
Guarantee Loan		\$11,911,364,473	
Demand Loan		\$8,543,788,760	
Total		\$20,455,153,233	
Covered Bonds Outstanding vs OSFI Limit			
Covered Bonds Currently Outstanding (CAD Equivalent):			
Issued under the Legislative Covered Bond Programme		\$10,915,499,700	
Total		\$10,915,499,700	
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		2.046/	
OSFI Covered Bond Ratio ²		2.81%	

(2) Per OSFI's letter dated May 23, 2019, the OSFI Covered Bond Ratio refers to total assets pledged for covered bond relative to total on-balance sheet assets. Total on-balance sheet assets as of October 31, 2023.

5.50%



Cover Pool Summary Statistics	
Previous Month Ending Balance	\$20,628,564,761
Current Balance	\$20,309,724,357
Number of Mortgage loans in Pool	138,748
Average Mortgage Size	\$146,379
Number of Properties	110,547
Number of Primary Borrowers	105,783
Weighted Average Indexed Authorized LTV	52.10%
Weighted Average Indexed Drawn LTV	45.99%
Weighted Average Original LTV	73.10%
Weighted Average Interest Rate	3.82%
Weighted Average Seasoning	29.67 months
Weighted Average Original Term	55.39 months
Weighted Average Remaining Term	25.72 months

Note: Due to rounding, numbers presented in the following distribution tables may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

Cover Pool Delinquency Distribution				
Aging Summary	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Current and less than 30 days past due	138,629	99.91%	\$20,292,065,050	99.91%
30 to 59 days past due	64	0.05%	\$9,869,579	0.05%
60 to 89 days past due	36	0.03%	\$3,458,619	0.02%
90 or more days past due	19	0.01%	\$4,331,110	0.02%
Total	138,748	100.00%	\$20,309,724,357	100.00%

Cover Pool Provincial Distribution					
<u>Province</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>	
Alberta	2,205	1.59%	\$427,036,108	2.10%	
British Columbia	2,052	1.48%	\$610,821,694	3.01%	
Manitoba	347	0.25%	\$51,265,398	0.25%	
New Brunswick	2,478	1.79%	\$222,590,113	1.10%	
Ontario	19,577	14.11%	\$5,533,157,727	27.24%	
Quebec	111,564	80.41%	\$13,389,445,314	65.93%	
Saskatchewan	525	0.38%	\$75,408,002	0.37%	
Other	0	0.00%	\$0	0.00%	
Total	138,748	100.00%	\$20,309,724,357	100.00%	

Cover Pool Credit Score Distribution				
Credit Score	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	1,139	0.82%	\$190,545,420	0.94%
599 and below	1,273	0.92%	\$173,562,147	0.85%
600 - 650	2,257	1.63%	\$350,867,506	1.73%
651 - 700	8,443	6.09%	\$1,402,008,789	6.90%
701 - 750	21,269	15.33%	\$3,632,857,333	17.89%
751 - 800	27,325	19.69%	\$4,509,118,962	22.20%
801 and above	77,042	55.53%	\$10,050,764,200	49.49%
Total	138.748	100.00%	\$20,309,724,357	100.00%



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Cover Pool Occupancy Type Distribution				
Occupancy Type	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Owner Occupied	123,779	89.21%	\$17,081,360,796	84.10%
Non-Owner Occupied	14,969	10.79%	\$3,228,363,561	15.90%
Total	138,748	100.00%	\$20,309,724,357	100.00%
Course Book Indonest Book Town Distribution				
Cover Pool Interest Rate Type Distribution	Normal and Large	D	Drive de al Balance	Daniel de la constante de la c
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Fixed	114,193	82.30%	\$15,187,486,994	74.78%
Variable	24,555	17.70%	\$5,122,237,364	25.22%
Total	138,748	100.00%	\$20,309,724,357	100.00%
Mortgage Asset Type Distribution				
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Conventional Mortgage	57,159	41.20%	\$10,920,010,091	53.77%
Amortizing Segment of All-in-One Product	81,589	58.80%	\$9,389,714,266	46.23%
Total	138,748	100.00%	\$20,309,724,357	100.00%
Cover Pool Interest Rate Distribution	_	_	_	
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Less than 2.000	·	16.79%	•	19.77%
	23,300		\$4,015,616,345	
2.000 - 2.999 3.000 - 3.999	52,880	38.11% 10.55%	\$6,871,451,132	33.83% 7.86%
4.000 - 4.999	14,633	3.14%	\$1,595,556,936	7.66% 2.67%
5.000 - 5.999	4,350 13,855	9.99%	\$541,968,154 \$1,822,450,877	8.97%
6.000 - 6.999	26,895	19.38%	\$1,022,430,877 \$5,162,681,773	25.42%
7.000 - 7.999	1,793	1.29%	\$3,102,001,773	0.94%
8.000 or Greater	1,042	0.75%	\$109,411,470	0.54%
Total	138,748	100.00%	\$20,309,724,357	100.00%
Cover Pool Remaining Balance				
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
99,999 and below	67,411	48.59%	\$3,125,959,785	15.39%
100,000 - 149,999	22,618	16.30%	\$2,804,049,861	13.81%
150,000 - 199,999	15,973	11.51%	\$2,765,156,467	13.61%
200,000 - 249,999	10,045	7.24%	\$2,242,300,828	11.04%
250,000 - 299,999	6,662	4.80%	\$1,821,087,694	8.97%
300,000 - 349,999	4,308	3.10%	\$1,392,638,623	6.86%
350,000 - 399,999	2,989	2.15%	\$1,115,432,047	5.49%
400,000 - 449,999	2,180	1.57%	\$923,493,244	4.55%
450,000 - 499,999	1,684	1.21%	\$797,432,053	3.93%
500,000 - 549,999	1,193	0.86%	\$625,672,966	3.08%
550,000 - 599,999	928	0.67%	\$531,507,403	2.62%
600,000 - 649,999	647	0.47%	\$403,564,003	1.99%
650,000 - 699,999	528	0.38%	\$355,065,124	1.75%
700,000 - 749,999	339	0.24%	\$245,744,286	1.21%
750,000 - 799,999	307	0.22%	\$237,905,114	1.17%
800,000 - 849,999	263	0.19%	\$216,950,282	1.07%
850,000 - 899,999	183	0.13%	\$160,100,856 \$113,530,643	0.79%
900,000 - 949,999 950,000 - 999,999	123 67	0.09% 0.05%	\$113,530,642 \$65,097,531	0.56%
1,000,000 and above	300	0.05%	\$65,097,531 \$367,035,549	0.32% 1.81%
Total	138,748	100.00%	\$20,309,724,357	100.00%
i Otal	130,740	100.00%	\$ZU,3U3,1Z4,331	100.00%



Cover Pool Months to Maturity Distribution					
Months to Maturity	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>	
5 or Less	9,885	7.12%	\$1,089,484,542	5.36%	
6 - 11	16,694	12.03%	\$2,058,798,579	10.14%	
12 - 23	40,306	29.05%	\$5,405,169,699	26.61%	
24 - 35	44,241	31.89%	\$7,317,658,865	36.03%	
36 - 47	22,656	16.33%	\$3,823,317,052	18.83%	
48 - 59	4,387	3.16%	\$533,388,149	2.63%	
60 - 71	456	0.33%	\$65,476,989	0.32%	
72 - 83	33	0.02%	\$3,317,987	0.02%	
84 or Greater	90	0.06%	\$13,112,496	0.06%	
Total	138,748	100.00%	\$20,309,724,357	100.00%	

Cover Pool Property Type Distribution				
Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Single Family	109,039	78.59%	\$15,223,215,433	74.96%
Condominium	17,027	12.27%	\$2,846,241,106	14.01%
2-4 Family Units	12,682	9.14%	\$2,240,267,818	11.03%
Multiple	0	0.00%	\$0	0.00%
Total	138,748	100.00%	\$20,309,724,357	100.00%

Cover Pool Indexed LTV - Authorized Distribution				
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
20.00 and below	8,448	6.09%	\$513,830,322	2.53%
20.01 - 25.00	5,389	3.88%	\$554,304,633	2.73%
25.01 - 30.00	7,115	5.13%	\$819,470,077	4.03%
30.01 - 35.00	9,516	6.86%	\$1,171,997,791	5.77%
35.01 - 40.00	13,747	9.91%	\$1,619,031,923	7.97%
40.01 - 45.00	18,451	13.30%	\$2,257,938,475	11.12%
45.01 - 50.00	14,836	10.69%	\$2,176,543,523	10.72%
50.01 - 55.00	13,350	9.62%	\$2,052,890,152	10.11%
55.01 - 60.00	14,576	10.51%	\$2,287,978,375	11.27%
60.01 - 65.00	9,895	7.13%	\$1,950,816,574	9.61%
65.01 - 70.00	8,214	5.92%	\$1,735,552,679	8.55%
70.01 - 75.00	7,917	5.71%	\$1,711,295,188	8.43%
75.01 - 80.00	6,127	4.42%	\$1,168,876,926	5.76%
Greater than 80.00	1,167	0.84%	\$289,197,718	1.42%
Total	138,748	100.00%	\$20,309,724,357	100.00%



Cover Pool Indexed LTV - Drawn Distribution					
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>	
20.00 and below	24,518	17.67%	\$1,429,089,750	7.04%	
20.01 - 25.00	10,743	7.74%	\$1,083,304,047	5.33%	
25.01 - 30.00	12,265	8.84%	\$1,397,349,952	6.88%	
30.01 - 35.00	13,149	9.48%	\$1,701,464,111	8.38%	
35.01 - 40.00	14,339	10.33%	\$2,008,916,801	9.89%	
40.01 - 45.00	13,354	9.62%	\$2,069,839,716	10.19%	
45.01 - 50.00	11,620	8.37%	\$2,009,566,338	9.89%	
50.01 - 55.00	10,886	7.85%	\$1,995,310,498	9.82%	
55.01 - 60.00	8,792	6.34%	\$1,809,905,521	8.91%	
60.01 - 65.00	7,155	5.16%	\$1,655,559,184	8.15%	
65.01 - 70.00	5,635	4.06%	\$1,393,491,757	6.86%	
70.01 - 75.00	4,142	2.99%	\$1,120,000,236	5.51%	
75.01 - 80.00	1,810	1.30%	\$521,903,108	2.57%	
Greater than 80.00	340	0.25%	\$114,023,337	0.56%	
Total	138,748	100.00%	\$20,309,724,357	100.00%	

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Current and less than 30 days past due

Indexed LTV (%)	<u>Alberta</u>	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	<u>Saskatchewan</u>	Other	<u>Total</u>
20.00 and below	\$11,966,722	\$78,217,724	\$1,789,477	\$11,564,364	\$411,913,260	\$906,949,572	\$5,897,838	\$0	\$1,428,298,958
20.01 - 25.00	\$6,816,979	\$57,088,478	\$1,169,103	\$10,114,726	\$339,599,398	\$663,067,710	\$4,236,598	\$0	\$1,082,092,993
25.01 - 30.00	\$13,458,824	\$64,994,129	\$2,586,647	\$18,272,922	\$375,253,162	\$912,408,368	\$10,128,481	\$0	\$1,397,102,533
30.01 - 35.00	\$16,459,947	\$69,384,712	\$2,735,501	\$15,199,517	\$429,508,007	\$1,153,870,615	\$12,886,455	\$0	\$1,700,044,755
35.01 - 40.00	\$25,082,387	\$73,692,152	\$5,129,941	\$17,815,976	\$446,422,235	\$1,431,910,121	\$7,657,230	\$0	\$2,007,710,042
40.01 - 45.00	\$38,992,681	\$47,026,236	\$3,116,770	\$21,365,034	\$463,433,613	\$1,490,485,050	\$3,645,242	\$0	\$2,068,064,627
45.01 - 50.00	\$49,701,464	\$42,152,436	\$5,254,224	\$23,701,626	\$467,554,600	\$1,415,471,002	\$4,792,814	\$0	\$2,008,628,166
50.01 - 55.00	\$68,808,502	\$35,699,442	\$6,040,721	\$27,653,372	\$441,000,733	\$1,407,765,285	\$6,757,601	\$0	\$1,993,725,656
55.01 - 60.00	\$58,439,784	\$42,320,099	\$5,849,038	\$26,660,037	\$479,091,830	\$1,189,579,066	\$6,344,893	\$0	\$1,808,284,748
60.01 - 65.00	\$68,737,100	\$40,302,167	\$5,535,767	\$14,634,409	\$455,195,058	\$1,063,663,458	\$6,270,613	\$0	\$1,654,338,573
65.01 - 70.00	\$29,021,730	\$29,875,157	\$4,766,780	\$20,332,392	\$485,930,837	\$817,737,352	\$2,480,587	\$0	\$1,390,144,835
70.01 - 75.00	\$25,411,883	\$20,392,311	\$3,537,623	\$11,154,488	\$433,986,278	\$620,989,163	\$2,619,394	\$0	\$1,118,091,140
75.01 - 80.00	\$7,166,580	\$9,676,652	\$3,095,702	\$3,189,555	\$229,103,603	\$267,761,607	\$1,690,257	\$0	\$521,683,956
Greater than 80.00	\$6,319,136	\$0	\$658,103	\$566,085	\$68,571,567	\$37,739,177	\$0	\$0	\$113,854,069
Total	\$426.383.722	\$610.821.694	\$51,265,398	\$222,224,504	\$5.526.564.183	\$13.379.397.546	\$75,408,002	\$0	\$20,292,065,050

30 to 59 days past due

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$255,764	\$411,044	\$0	\$0	\$666,809
20.01 - 25.00	\$0	\$0	\$0	\$0	\$117,352	\$422,792	\$0	\$0	\$540,144
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$114,686	\$0	\$0	\$114,686
30.01 - 35.00	\$0	\$0	\$0	\$166,160	\$413,988	\$623,771	\$0	\$0	\$1,203,919
35.01 - 40.00	\$0	\$0	\$0	\$0	\$484,551	\$639,400	\$0	\$0	\$1,123,951
40.01 - 45.00	\$0	\$0	\$0	\$0	\$224,124	\$958,965	\$0	\$0	\$1,183,089
45.01 - 50.00	\$0	\$0	\$0	\$0	\$264,156	\$362,373	\$0	\$0	\$626,528
50.01 - 55.00	\$0	\$0	\$0	\$68,406	\$791,563	\$633,215	\$0	\$0	\$1,493,183
55.01 - 60.00	\$0	\$0	\$0	\$0	\$117,816	\$690,858	\$0	\$0	\$808,674
60.01 - 65.00	\$139,371	\$0	\$0	\$0	\$0	\$451,817	\$0	\$0	\$591,188
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$805,593	\$0	\$0	\$805,593
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$323,394	\$0	\$0	\$323,394
75.01 - 80.00	\$0	\$0	\$0	\$0	\$219,152	\$0	\$0	\$0	\$219,152
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$169,268	\$0	\$0	\$169,268
Total	\$139,371	\$0	\$0	\$234,566	\$2,888,465	\$6,607,176	\$0	\$0	\$9,869,579



60 to 89 days past due

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$0	\$17,375	\$0	\$0	\$17,375
20.01 - 25.00	\$0	\$0	\$0	\$0	\$278,061	\$0	\$0	\$0	\$278,061
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$132,732	\$0	\$0	\$132,732
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$83,485	\$0	\$0	\$83,485
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$82,808	\$0	\$0	\$82,808
40.01 - 45.00	\$0	\$0	\$0	\$45,616	\$0	\$64,477	\$0	\$0	\$110,093
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$311,644	\$0	\$0	\$311,644
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$79,785	\$0	\$0	\$79,785
55.01 - 60.00	\$315,414	\$0	\$0	\$0	\$0	\$411,258	\$0	\$0	\$726,672
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$629,423	\$0	\$0	\$629,423
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$1,006,541	\$0	\$0	\$1,006,541
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$315,414	\$0	\$0	\$45,616	\$278,061	\$2,819,528	\$0	\$0	\$3,458,619

90 or more days past due

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$0	\$106,609	\$0	\$0	\$106,609
20.01 - 25.00	\$0	\$0	\$0	\$0	\$298,600	\$94,249	\$0	\$0	\$392,849
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$131,954	\$0	\$0	\$131,954
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40.01 - 45.00	\$0	\$0	\$0	\$0	\$481,908	\$0	\$0	\$0	\$481,908
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$11,873	\$0	\$0	\$11,873
55.01 - 60.00	\$0	\$0	\$0	\$85,427	\$0	\$0	\$0	\$0	\$85,427
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65.01 - 70.00	\$197,601	\$0	\$0	\$0	\$1,060,808	\$276,379	\$0	\$0	\$1,534,788
70.01 - 75.00	\$0	\$0	\$0	\$0	\$1,585,703	\$0	\$0	\$0	\$1,585,703
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$197.601	\$0	\$0	\$85,427	\$3,427,018	\$621.063	\$0	\$0	\$4.331.110

Cover Pool Indexed LTV - Drawn by Credit Bureau Score

Indexed	LTV	(%)

	599 and below	<u>600 - 650</u>	<u>651 - 700</u>	<u>701 - 750</u>	<u>751 - 800</u>	801 and above	Score Unavailable	<u>Total</u>
20.00 and below	\$5,867,864	\$10,414,676	\$35,360,997	\$109,800,317	\$163,384,782	\$1,088,208,809	\$16,052,306	\$1,429,089,750
20.01 - 25.00	\$6,036,210	\$12,851,544	\$40,646,584	\$110,761,504	\$170,464,231	\$729,743,625	\$12,800,348	\$1,083,304,047
25.01 - 30.00	\$13,676,747	\$14,241,903	\$58,396,700	\$162,301,830	\$238,003,713	\$892,338,950	\$18,390,110	\$1,397,349,952
30.01 - 35.00	\$14,202,589	\$28,580,956	\$81,552,104	\$225,201,796	\$327,678,207	\$1,002,430,611	\$21,817,848	\$1,701,464,111
35.01 - 40.00	\$17,221,983	\$31,703,807	\$116,466,268	\$304,279,572	\$418,249,726	\$1,101,574,548	\$19,420,898	\$2,008,916,801
40.01 - 45.00	\$16,310,638	\$36,753,432	\$125,659,300	\$344,456,640	\$468,529,447	\$1,057,156,849	\$20,973,410	\$2,069,839,716
45.01 - 50.00	\$20,290,101	\$35,545,075	\$139,931,620	\$358,257,265	\$465,415,172	\$972,657,216	\$17,469,889	\$2,009,566,338
50.01 - 55.00	\$17,977,743	\$41,759,549	\$150,545,048	\$388,500,089	\$485,903,930	\$893,458,839	\$17,165,301	\$1,995,310,498
55.01 - 60.00	\$13,469,372	\$30,708,477	\$154,022,019	\$397,837,430	\$486,832,516	\$710,455,961	\$16,579,747	\$1,809,905,521
60.01 - 65.00	\$14,122,014	\$31,272,455	\$151,333,510	\$398,249,117	\$443,370,600	\$606,321,753	\$10,889,735	\$1,655,559,184
65.01 - 70.00	\$15,095,243	\$29,340,422	\$153,930,064	\$351,237,776	\$385,208,090	\$450,734,035	\$7,946,126	\$1,393,491,757
70.01 - 75.00	\$11,505,769	\$33,203,303	\$117,351,308	\$294,671,009	\$294,854,726	\$362,584,233	\$5,829,890	\$1,120,000,236
75.01 - 80.00	\$6,357,730	\$11,287,524	\$64,087,441	\$150,467,702	\$129,918,278	\$154,574,621	\$5,209,812	\$521,903,108
Greater than 80.00	\$1,428,144	\$3,204,383	\$12,725,829	\$36,835,285	\$31,305,544	\$28,524,151	\$0	\$114,023,337
Total	\$173,562,147	\$350,867,506	\$1,402,008,789	\$3,632,857,333	\$4,509,118,962	\$10,050,764,200	\$190,545,420	\$20,309,724,357



Calculation Date: 30 Nov 2023

Indexation Methodology

As of the date of this Investor Report, the Guarantor uses the methodology described below (which methodology is, as of the date hereof, the "Indexation Methodology"), to establish the market value of residential properties securing loans included in the Covered Bond Portfolio on a quarterly basis for purposes of the Asset Coverage Test, the Amortization Test, the Valuation Calculation and for other purposes as may be required by the CMHC Guide from time to time. Changes to the Indexation Methodology may only be made (i) upon notice to CMHC and satisfaction of any other conditions specified by CMHC in relation thereto, (ii) if such change constitutes a material change, subject to satisfaction of the Rating Agency Condition, and (iii) if such change is materially prejudicial to the Covered Bondholders, subject to the consent of the Bond Trustee. The Indexation Methodology must at all times comply with the requirements of the CMHC Guide.

The primary index used by the Guarantor to determine the market value of a Property is the Teranet-National Bank Regional and Property Type Sub-IndicesTM (the "RPT Sub-Indices"). The RPT Sub-Indices are estimated by tracking the observed or registered home prices over time based on property records of public land registries and grouped based on the first three digits of the Property's postal code. A Property must have been sold at least twice in order to be included in the calculation of the RPT Sub-Indices. In areas where sufficient data is available, the RPT Sub-Indices may be further subdivided by property type (all types, single-family homes and condominiums), which offers another layer of valuation granularity without compromising the statistical estimation error terms. To the extent necessary, the Teranet-National Bank House Price IndexTM – Composite 11 Index (the "HPI – Composite 11") will be used for indexation purposes where the RPT Sub-Indices are not available. The HPI – Composite 11 combines the metropolitan areas of Victoria, Vancouver, Calgary, Edmonton, Winnipeg, Hamilton, Toronto, Ottawa, Montréal, Québec and Halifax to form a national composite index. At this time, New Brunswick and Saskatchewan are the only areas relevant to the Covered Bond Portfolio for which the RPT Sub-Indices are not available. For regions where the RPT Sub-Indices are not subdivided by property type, the Guarantor will use the all types sub-index. The RPT Sub-Indices and the HPI – Composite 11 are available by subscription at www.housepriceindex.ca. This website and its contents do not form part of this Investor Report.

For each Property in the Covered Bond Portfolio, the indexed valuation for a quarter will be determined by multiplying the Original Market Value (as defined in the CMHC Guide) for such Property by the percentage change since the valuation date in the price level for the sub-index in which such Property is located and, if available, also based on the property type.

Material risks associated with using the Indexation Methodology include, but are not limited to, the following: the accuracy, adequacy, timeliness and completeness of the indices being relied upon; the consistency in underlying methodology of such indices; the continued availability of the home sale price data provided to Teranet; in the case of Properties outside of the regions covered by the RPT Sub-Indices, the risk that the HPI – Composite 11 may not accurately capture unique factors affecting local housing markets; and in the case of Properties located within the regions where the RPT Sub-Indices are not subdivided by property type, the risk that the all-types sub-index may not account for differences in property value changes based on property type.

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