

BLACKROCK CORE BOND TRUST

Form N-Q

March 29, 2007

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED  
MANAGEMENT INVESTMENT COMPANY**

Investment Company Act file number: 811-10543

BlackRock Core Bond Trust  
(Exact name of registrant as specified in charter)

100 Bellevue Parkway, Wilmington, DE  
(Address of principal executive offices)

19809  
(Zip code)

Robert S. Kapito, President  
**BlackRock Core Bond Trust**  
40 East 52nd Street, New York, NY 10022

(Name and address of agent for service)

Registrant's telephone number, including area code: 888-825-2257

Date of fiscal year end: October 31, 2007

Date of reporting period: January 31, 2007

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**Item 1. Schedule of Investments.**

The Registrant's unaudited schedule of investments as of the close of the reporting period pursuant to Rule 30b1-5 under the Investment Company Act of 1940 is as follows:

**PORTFOLIO OF INVESTMENTS (unaudited)****JANUARY 31, 2007****BlackRock Core Bond Trust (BHK)****(Percentage of Net Assets)**

<b>Rating1</b>	<b>Principal Amount (000)</b>	<b>Description</b>
		<b>LONG-TERM INVESTMENTS</b> 101.5%
		<b>Mortgage Pass-Through Securities</b> 11.7%
		Federal Home Loan Mortgage Corp.,
	\$ 81	5.00%, 8/01/33
	5,735	5.50%, 11/01/18-5/01/36
	1,6742	5.50%, 11/01/18
	2,896	6.00%, 2/01/13-12/01/18
	26	7.00%, 9/01/31
	723	7.335%, 5/01/32
		Federal National Mortgage Assoc.,
	46	4.50%, 2/01/20
	10,990	5.00%, 11/01/17-6/01/36
	1,1752	5.00%, 1/01/18
	4,047	5.50%, 1/01/18-4/01/36
	2,825	5.97%, 8/01/16
	1,953	6.00%, 8/01/29-11/01/36
	9,0002	6.00%, 2/01/36-11/01/36
	332	7.00%, 1/01/31-7/01/32
	246	Government National Mortgage Assoc., 5.50%, 8/15/33
		Small Business Administration,
	849	Ser. P10B, Class 1, 4.754%, 8/01/14
	1,645	Ser. P10B, Class 1, 5.136%, 8/01/13
		Total Mortgage Pass-Through Securities
		<b>Federal Housing Administration Security</b> 0.3%
	1,045	FHA Hebre Home Hospital, 6.25%, 9/01/28
		<b>Agency Multiple Class Mortgage Pass-Through Securities</b> 7.6%
		Federal Home Loan Mortgage Corp.,
	2,338	Ser. 82, Class HJ, 5.50%, 9/25/32
	1,200	Ser. 2562, Class PG, 5.00%, 1/15/18
	3,081	Ser. 2806, Class VC, 6.00%, 12/15/19
	1,407	Ser. 2825, Class VP, 5.50%, 6/15/15
	1,300	Ser. 2883, Class DR, 5.00%, 11/15/19
	3,298	Ser. 2922, Class GA, 5.50%, 5/15/34
	1,769	Ser. 2927, Class BA, 5.50%, 10/15/33
	1,700	Ser. 2933, Class HD, 5.50%, 2/15/35
	1,600	Ser. 2968, Class EG, 6.00%, 10/15/34
		Federal National Mortgage Assoc.,
	1,505	Ser. 3 Class AP, 5.50%, 2/25/35

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	3,101	Ser. 5, Class PK, 5.00%, 12/25/34
	1,984	Ser. 27, Class PC, 5.50%, 5/25/34
	1,947	Ser. 70, Class NA, 5.50%, 8/25/35
	1,7653	Ser. 118, Class FD, 5.72%, 12/25/33
		Total Agency Multiple Class Mortgage Pass-Through Securities
		<b>Non-Agency Multiple Class Mortgage Pass-Through Securities</b> 2.7%
		First Union National Bank Commercial Mortgage,
AAA	3,150	Ser. C3, Class A3, 6.423%, 8/15/33
AAA	2,265	Ser. C4, Class A2, 6.223%, 12/12/33
AAA	2,350	General Motor Acceptance Corp. Commercial Mortgage Securities, Inc., Ser. C4, Class A2, 4.9
AAA	2,501	Structured Asset Securities Corp., Ser. AL1, Class A2, 3.45%, 2/25/32
		Total Non-Agency Multiple Class Mortgage Pass-Through Securities
		<b>Asset-Backed Securities</b> 7.6%
AAA	2,800	Chase Manhattan Auto Owner Trust, Ser. B, Class A4, 4.88%, 6/15/12
AAA	2,825	Citibank Credit Card Issuance Trust, Ser. A2, Class A2, 4.85%, 2/10/11
		Countrywide Asset-Backed Certificates,
AAA	5813	Ser. 15, Class 2AV1, 5.42%, 4/25/36
AAA	1,3163	Ser. 16, Class 4AV1, 5.42%, 1/25/35
AAA	2,825	DaimlerChrysler Auto Trust, Ser. A, Class A3, 5.00%, 5/08/10
AAA	2,850	Ford Credit Auto Owner Trust, Ser. A, Class A4, 5.07%, 12/15/10
AAA	2,300	Harley-Davidson Motorcycle Trust, Ser. 2, Class A2, 4.07%, 2/15/12

**BlackRock Core Bond Trust (BHK) (continued)**  
**(Percentage of Net Assets)**

Rating1	Principal Amount (000)	Description
<b>Asset-Backed Securities (cont'd)</b>		
A1	\$ 2,500	Maryland Trust, Ser. 1, Class A, 5.55%, 12/10/65
AAA	2,825	MBNA Credit Card Master Note Trust, Ser. A1, Class A, 4.90%, 7/15/11
AAA	1,2503,4	Merrill Lynch Mortgage Investors, Inc., Ser. HE2, Class A2A, 5.43%, 9/25/36
AAA	9943	New Century Home Equity Loan Trust, Ser. C, Class A2A, 5.40%, 1/25/36
AAA	1,0233	SLM Student Loan Trust, Ser. 5, Class A1, 5.36%, 1/25/18
AAA	1,2543	Structured Asset Investment Loan Trust, Ser. 1, Class A1, 5.40%, 1/25/36
AAA	2,725	USAA Auto Owner Trust, Ser. 1 Class A4, 5.04%, 12/15/11
Total Asset-Backed Securities		
<b>Interest Only Asset-Backed Securities 0.3%</b>		
Sterling Coofs Trust,		
AAA	18,322	Ser. 1, 2.365%, 4/15/29
AAA	15,594	Ser. 2, 2.126%, 3/30/30
Total Interest Only Asset-Backed Securities		
<b>Interest Only Mortgage-Backed Securities 1.0%</b>		
Federal Home Loan Mortgage Corp.,		
	2,478	Ser. 2579, Class HI, 5.00%, 8/15/17
	6,425	Ser. 2611, Class QI, 5.50%, 9/15/32
Federal National Mortgage Assoc.,		
	27,6923	Ser. 90, Class JH, 1.38%, 11/25/34
	4,400	Ser. 378, Class 5, 5.00%, 7/01/36
Total Interest Only Mortgage-Backed Securities		
<b>Commercial Mortgage-Backed Securities 6.4%</b>		
AAA	2,1803	Banc of America Commerical Mortgage, Inc., Ser. 1, Class A4, 4.886%, 11/10/42
AAA	1,070	Commercial Mortgage Acceptance Corp., Ser. C2, Class A2, 6.03%, 9/15/30
AAA	2,720	Credit Suisse First Boston Mortgage Securities Corp., Ser. CP5, Class A2, 4.94%, 12/15/35
AAA	1,562	General Motor Acceptance Corp. Commercial Mortgage Securities, Inc., Ser. C3, Class A2, 7.00%, 11/15/30
AAA	2,536	Goldman Sachs Mortgage Securities Corp. II, Ser. C1, Class A3, 6.135%, 10/18/30
AAA	1,564	Heller Financial Commercial Mortgage Asset Co., Ser. PH1, Class A2, 6.847%, 5/15/31
JP Morgan Chase Commercial Mortgage Securities Corp.,		
AAA	2,140	Ser. C1, Class A3, 5.857%, 10/12/35
AAA	2,180	Ser. CBX, Class A4, 4.529%, 1/12/37
AAA	1,682	JP Morgan Commercial Mortgage Finance Corp., Ser. C10, Class A2, 7.371%, 8/15/32
AAA	2,329	Morgan Stanley Capital Trust I, Ser. HF2, Class A2, 6.48%, 11/15/30
AAA	3,500	Salomon Brothers Mortgage Securities VII, Ser. C1, Class A2, 7.52%, 12/18/09
Total Commercial Mortgage-Backed Securities		
<b>Corporate Bonds 59.4%</b>		
<b>Aerospace &amp; Defense 1.1%</b>		
B	140	Argo-Tech Corp., 9.25%, 6/01/11
BB	1505	Bombardier, Inc., 8.00%, 11/15/14 (Canada)
B	1,305	DI Finance/DynCorp Intl., Ser. B, 9.50%, 2/15/13
DRS Technologies, Inc.,		
B	70	6.875%, 11/01/13
B	80	7.625%, 2/01/18
BBB+	960	Northrop Grumman Corp., 7.875%, 3/01/26

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BB	15	Sequa Corp., 9.00%, 8/01/09
A+	1,125	United Technologies Corp., 4.875%, 5/01/15
		Total Aerospace & Defense
		<b>Automotive</b> 1.2%
		AutoNation, Inc.,
BB+	150	7.00%, 4/15/14
BB+	1503	7.36%, 4/15/13
BB-	303,5	Avis Budget Car Rental LLC/Avis Budget Finance, Inc., 7.874%, 5/15/14
BBB+	660	DaimlerChrysler NA Holding Corp., 7.45%, 3/01/27
B-	485	Lear Corp., Ser. B, 8.75%, 12/01/16
B3	250	Metaldyne Corp., 10.00%, 11/01/13
B1	2,100	Sonic Automotive, Inc., Ser. B, 8.625%, 8/15/13
BB-	517	TRW Automotive, Inc., 9.375%, 2/15/13
		Total Automotive
		<b>Basic Materials</b> 3.6%
B+	750	Abitibi-Consolidated, Inc., 6.00%, 6/20/13 (Canada)
B+	995	AK Steel Corp., 7.75%, 6/15/12

**BlackRock Core Bond Trust (BHK) (continued)**  
**(Percentage of Net Assets)**

Rating1	Principal Amount (000)	Description	Value
<b>Basic Materials (cont'd)</b>			
B	\$ 2505	American Pacific Corp., 9.00%, 2/01/15	\$ 250,000
B+	803	Bowater, Inc., 8.36%, 3/15/10	80,800
BB+	30	Chemtura Corp., 6.875%, 6/01/16	29,100
B-	200	CPG Intl. I, Inc., 10.50%, 7/01/13	208,500
B+	60	Domtar, Inc., 7.125%, 8/15/15 (Canada)	59,250
B+	150	Donohue Forest Products, 7.625%, 5/15/07 (Canada)	150,000
B	66	Huntsman LLC, 12.00%, 7/15/12	74,910
		Ineos Group Holdings Plc (United Kingdom)	
B+	285	7.875%, 2/07/16 (EUR)	350,096
B+	7305	8.50%, 2/15/16	698,975
B3	885	Innophos, Inc., 8.875%, 8/15/14	913,763
BBB	130	Ispat Inland ULC, 9.75%, 4/01/14 (Canada)	145,011
		Lyondell Chemical Co.,	
BB-	240	8.00%, 9/15/14	249,600
BB-	385	8.25%, 9/15/16	408,100
BB	220	Millennium America, Inc., 9.25%, 6/15/08	228,525
B2	510	NewPage Corp., 10.00%, 5/01/12	555,900
		Noranda, Inc. (Canada)	
BBB+	825	6.00%, 10/15/15	840,343
BBB+	1,250	6.20%, 6/15/35	1,232,642
		Nova Chemicals Corp. (Canada)	
BB-	50	6.50%, 1/15/12	47,250
BB-	6103	8.502%, 11/15/13	606,950
CCC+	5455	Pregis Corp., 12.375%, 10/15/13	599,500
B+	16	Rhodia S.A., 10.25%, 6/01/10 (France)	18,240
BBB	1,430	Teck Cominco Ltd., 6.125%, 10/01/35 (Canada)	1,365,002
BB-	4305	Terra Capital, Inc., 7.00%, 2/01/17	424,088
BBB-	2,150	Vale Overseas Ltd., 6.875%, 11/21/36 (Cayman Islands)	2,176,875
B-	305	Verso Paper Holdings LLC/Verson Paper, Inc., 11.375%, 8/01/16	31,800
		Total Basic Materials	13,407,032
<b>Building &amp; Development 0.2%</b>			
B-	440	Goodman Global Holding Co., Inc., 7.875%, 12/15/12	442,200
B3	190	Nortek, Inc., 8.50%, 9/01/14	189,050
B3	85	North American Energy Partners, Inc., 8.75%, 12/01/11 (Canada)	85,000
		Total Building & Development	716,250
<b>Business Equipment &amp; Services 0.0%</b>			
Ba2	1005	FTI Consulting, Inc., 7.75%, 10/01/16	103,250
<b>Commercial Services 0.2%</b>			
B2	165	Education Management LLC/Education Management Corp., 8.75%, 6/01/14	173,250
B-	1803,5	NCO Group, Inc., 10.244%, 11/15/13	180,000
B+	2005	Quebecor World, Inc., 9.75%, 1/15/15 (Canada)	208,750
		Total Commercial Services	562,000
<b>Consumer Products 1.9%</b>			
B3	90	ALH Finance LLC, 8.50%, 1/15/13	90,225

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CCC+	6503	Ames True Temper, Inc., 9.36%, 1/15/12	663,000
BBB+	530	Federated Department Stores, Inc., 6.79%, 7/15/27	526,499
BBB+	1,125	Federated Retail Holdings, Inc., 5.90%, 12/01/16	1,106,308
B-	205	Finlay Fine Jewelry Corp., 8.375%, 6/01/12	194,750
B-	320	Lazy Days RV Center, Inc., 11.75%, 5/15/12	311,200
B	3853	Levi Strauss & Co., 10.11%, 4/01/12	394,625
BBB+	30	May Department Stores Co., 6.65%, 7/15/24	29,663
		Michaels Stores, Inc.,	
B2	4705	10.00%, 11/01/14	499,375
Caa1	6005	11.375%, 11/01/16	645,000
B3	503,5	Nutro Products, Inc., 9.40%, 10/15/13	51,625
B	1,000	Pantry, Inc., 7.75%, 2/15/14	1,002,500
BB-	200	Quiksilver, Inc., 6.875%, 4/15/15	195,500
BB+	250	Reynolds American, Inc., 7.625%, 6/01/16	264,493
CCC	370	Spectrum Brands, Inc., 7.375%, 2/01/15	322,825

**BlackRock Core Bond Trust (BHK) (continued)**  
**(Percentage of Net Assets)**

Rating1	Principal Amount (000)	Description	Value
<b>Consumer Products (cont'd)</b>			
B	\$ 655	United Rentals NA, Inc., 7.00%, 2/15/14	\$ 643,538
		Total Consumer Products	6,941,126
<b>Containers &amp; Packaging 0.8%</b>			
		Berry Plastics Holding Corp.,	
B2	2705	8.875%, 9/15/14	278,775
B2	1803,5	9.235%, 9/15/14	184,950
B+	150	Crown Americas LLC/Crown Americas Capital Corp., 7.75%, 11/15/15	155,250
CCC+	75	Graham Packaging Co., Inc., 8.50%, 10/15/12	76,125
B1	3003,5	Impress Holdings BV, 8.585%, 9/15/13 (Netherlands)	300,663
B	1,500	Owens Brockway, 8.25%, 5/15/13	1,563,750
B+	421	Smurfit-Stone Container Enterprises, Inc., 9.75%, 2/01/11	434,683
		Total Containers & Packaging	2,994,196
<b>Ecological Services &amp; Equipment 0.2%</b>			
Caa1	590	Waste Services, Inc., 9.50%, 4/15/14	613,600
<b>Energy 7.1%</b>			
BBB-	425	Amerada Hess Corp., 7.125%, 3/15/33	462,096
BBB-	2,350	Anadarko Petroleum Corp., 6.45%, 9/15/36	2,328,345
		ANR Pipeline Co.,	
B+	260	7.375%, 2/15/24	292,580
B+	410	9.625%, 11/01/21	545,522
B	140	Berry Petroleum Co., 8.25%, 11/01/16	137,900
CCC+	320	Chaparral Energy, Inc., 8.50%, 12/01/15	316,000
		Chesapeake Energy Corp.,	
BB	150	6.375%, 6/15/15	145,500
BB	20	6.875%, 11/15/20	19,200
BBB-	500	Cleveland Electric Illuminating Co., 5.95%, 12/15/36	478,150
Ba3	30	CMS Energy Corp., 7.50%, 1/15/09	30,750
Ba3	55	Compagnie Generale de Geophysique S.A., 7.50%, 5/15/15 (France)	55,138
B	235	Compton Petroleum Finance Corp., 7.625%, 12/01/13 (Canada)	224,425
A1	360	ConocoPhillips Funding Co., 5.95%, 10/15/36 (Canada)	360,135
BBB	725	DTE Energy Co., 6.35%, 6/01/16	751,534
BB-	115	Edison Mission Energy, 7.50%, 6/15/13	119,312
		El Paso Corp.,	
B2	100	7.80%, 8/01/31	106,750
B2	65	9.625%, 5/15/12	73,612
B2	150	10.75%, 10/01/10	169,500
		El Paso Natural Gas Co.,	
Ba1	850	7.625%, 8/01/10	884,000
Ba1	265	8.625%, 1/15/22	313,379
Ba1	225	8.875%, 6/15/32	270,173
Ba1	126	Elwood Energy LLC, 8.159%, 7/05/26	132,775
A-	1,000	EnCana Corp., 6.50%, 8/15/34 (Canada)	1,025,301
		Encore Acquisition Co.,	
B	40	6.00%, 7/15/15	36,000



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B	60	7.25%, 12/01/17	57,000
BBB	1,500	Energy East Corp., 6.75%, 7/15/36	1,584,601
B-	130	Exco Resources, Inc., 7.25%, 1/15/11	131,950
AA-	950	Florida Power & Light Co., 4.95%, 6/01/35	837,672
BB+	80	Grant Prideco, Inc., Ser. B, 6.125%, 8/15/15	76,600
BBB+	175	Halliburton Co., 7.60%, 8/15/96	199,029
B	495	Hilcorp Energy I LP/Hilcorp Finance Corp., 10.50%, 9/01/10	52,491
B-	210	KCS Energy, Inc., 7.125%, 4/01/12	200,550
A	700	Midamerican Energy Co., 5.80%, 10/15/36	687,770
Ba2	75	Midwest Generation LLC, Ser. B, 8.56%, 1/02/16	82,646
		Mirant Americas Generation LLC,	
Caa1	155	8.30%, 5/01/11	158,100
Caa1	50	8.50%, 10/01/21	50,750
Caa1	75	9.125%, 5/01/31	80,062
BB-	590	Mission Energy Holdings Co., 13.50%, 7/15/08	646,787
Aa3	1,0505	Nakilat, Inc., 6.067%, 12/31/33 (Qatar)	1,013,346
		NRG Energy, Inc.,	
B+	50	7.25%, 2/01/14	50,125
B+	285	7.375%, 2/01/16	285,356

**BlackRock Core Bond Trust (BHK) (continued)**  
**(Percentage of Net Assets)**

<b>Rating1</b>	<b>Principal Amount (000)</b>	<b>Description</b>	<b>Value</b>
<b>Energy (cont'd)</b>			
A-	\$ 360	Occidental Petroleum Corp., 7.20%, 4/01/28	\$ 410,403
BBB	1,000	Ohio Edison Co., 6.875%, 7/15/36	1,087,191
BBB	425	ONEOK Partners LP, 6.65%, 10/01/36	437,554
BB	4505	OPTI, Inc., 8.25%, 12/15/14 (Canada)	470,250
B2	130	Orion Power Holdings, Inc., 12.00%, 5/01/10	149,175
BBB+	790	Peco Energy Capital Trust IV, 5.75%, 6/15/33	708,812
BBB	1,650	Pemex Project Funding Master Trust, 9.625%, 12/02/08	1,749,000
		Reliant Energy, Inc.,	
B	210	6.75%, 12/15/14	206,850
B	50	9.25%, 7/15/10	52,500
BB	3305	Sabine Pass LNG LP, 7.50%, 11/30/16	324,225
BBB+	700	Scottish Power Plc, 5.375%, 3/15/15 (United Kingdom)	686,498
B+	3155	SemGroup LP, 8.75%, 11/15/15	315,787
B3	4603,5	Stone Energy Corp., 8.11%, 7/15/10	459,425
A-	295	Suncor Energy, Inc., 5.95%, 12/01/34 (Canada)	292,395
B3	3205	Targa Resources, Inc., 8.50%, 11/01/13	320,800
AA	1,050	Texaco Capital, Inc., 8.875%, 9/01/21	1,372,809
A2	550	Transcanada Pipelines Ltd., 5.85%, 3/15/36 (Canada)	533,156
BBB-	20	Transcontinental Gas Pipe Line Corp., 7.25%, 12/01/26	21,000
B+	270	Utilicorp Finance Corp., 7.75%, 6/15/11 (Canada)	286,022
B1	375	Whiting Petroleum Corp., 7.25%, 5/01/12-5/01/13	372,187
BB+	260	Williams Cos., Inc., 8.75%, 3/15/32	295,750
		Total Energy	26,024,701
<b>Entertainment &amp; Leisure 0.8%</b>			
		AMC Entertainment, Inc.,	