

BLACKROCK CORE BOND TRUST

Form N-Q

September 24, 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

Name of Fund: BlackRock Core Bond Trust

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Robert S. Kapito, President, BlackRock Core Bond Trust,
40 East 52nd Street, New York, NY 10022.

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

Date of fiscal year end: 10/31/2007

Date of reporting period: 05/01/2007 - 07/31/2007

Item 1 □ Schedule of Investments

PORTFOLIO OF INVESTMENTS (unaudited)
JULY 31, 2007**BlackRock Core Bond Trust (BHK)**

(Percentages shown are based on Net Assets)

Principal Amount (000)	Description	Value
LONG-TERM INVESTMENTS □156.6%		
Mortgage Pass-Through Securities □66.7%		
Federal Home Loan Mortgage Corp.,		
\$ 76	5.00%, 8/01/33	\$ 72,0
5,8171	5.50%, 11/01/18-5/01/36	5,667,4
1,024	5.50%, 11/01/18-5/01/36	997,4
2,612	6.00%, 2/01/13-12/01/18	2,632,0
24	7.00%, 9/01/31	24,6
642	7.423%, 5/01/32	64,7
Federal National Mortgage Assoc.,		
45	4.50%, 2/01/20	42,8
9,389	5.00%, 11/01/17-6/01/37	9,105,4
7,9491	5.00%, 1/01/18-6/01/37	7,502,7
625	5.50%, 1/01/18-4/01/34	615,7
46,6011	5.50%, 6/01/34-4/01/36	45,123,2
9,9111	6.00%, 2/01/36-11/01/36	9,826,3
142	6.00%, 8/01/29-3/01/36	141,0
321	7.00%, 1/01/31-7/01/32	332,7
6,100	TBA, 5.00%, 8/20/22-8/14/37	5,733,2
144,100	TBA, 5.50%, 8/20/22-8/14/37	139,185,9
9,100	TBA, 6.00%, 8/14/37	9,014,6
230	Government National Mortgage Assoc., 5.50%, 8/15/33	224,7
Small Business Administration,		
796	Ser. P10B, Class 1, 4.754%, 8/01/14	766,3
1,438	Ser. P10B, Class 1, 5.136%, 8/01/13	1,423,4
Total Mortgage Pass-Through Securities		238,497,1
Federal Housing Administration Security □0.3%		
1,034	FHA Hebre Home Hospital, 6.25%, 9/01/28	1,063,7
Agency Multiple Class Mortgage Pass-Through Securities □4.2%		
Federal Home Loan Mortgage Corp.,		
1,200	Ser. 2562, Class PG, 5.00%, 1/15/18	1,172,8
2,170	Ser. 2775, Class OE, 4.50%, 4/15/19	2,023,5
3,000	Ser. 2806, Class VC, 6.00%, 12/15/19	3,051,1
1,340	Ser. 2825, Class VP, 5.50%, 6/15/15	1,346,5
1,300	Ser. 2883, Class DR, 5.00%, 11/15/19	1,240,7
1,600	Ser. 2968, Class EG, 6.00%, 10/15/34	1,621,4
Federal National Mortgage Assoc.,		
2,825	Ser. 5, Class PK, 5.00%, 12/25/34	2,793,3
1,6562	Ser. 118, Class FD, 5.72%, 12/25/33	1,669,5
Total Agency Multiple Class Mortgage Pass-Through Securities		14,919,1
Asset-Backed Securities □6.7%		

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2,800	Chase Manhattan Auto Owner Trust, Ser. B, Class A4, 4.88%, 6/15/12	2,790,1
2,825	Citibank Credit Card Issuance Trust, Ser. A2, Class A2, 4.85%, 2/10/11	2,814,6
5222	Countrywide Asset-Backed Certificates, Ser. 16, Class 4AV1, 5.42%, 1/25/35	522,1
2,825	DaimlerChrysler Auto Trust, Ser. A, Class A3, 5.00%, 5/08/10	2,820,7
2,850	Ford Credit Auto Owner Trust, Ser. A, Class A4, 5.08%, 12/15/10	2,845,7
2,300	Harley-Davidson Motorcycle Trust, Ser. 2, Class A2, 4.07%, 2/15/12	2,273,2
2,825	MBNA Credit Card Master Note Trust, Ser. A1, Class A, 4.90%, 7/15/11	2,818,8
2,500	Maryland Trust, Ser. 1, Class A, 5.55%, 12/10/65	2,404,2
2672,3	Merrill Lynch Mortgage Investors, Inc., Ser. HE2, Class A2A, 5.43%, 9/25/36	266,9
3182	New Century Home Equity Loan Trust, Ser. C, Class A2A, 5.40%, 1/25/36	317,8
7122	SLM Student Loan Trust, Ser. 5, Class A1, 5.36%, 1/25/18	712,0
6672	Structured Asset Investment Loan Trust, Ser. 1, Class A1, 5.40%, 1/25/36	666,6
2,725	USAA Auto Owner Trust, Ser. 1 Class A4, 5.04%, 12/15/11	2,723,1
	Total Asset-Backed Securities	23,976,3
	Interest Only Asset-Backed Securities 0.3%	
	Sterling COOFS Trust,	
15,2692	Ser. 1, 2.365%, 4/15/29	677,5
12,2172	Ser. 2, 2.081%, 3/30/30	328,3
	Total Interest Only Asset-Backed Securities	1,005,8
	Interest Only Mortgage-Backed Securities 1.0%	
	Federal Home Loan Mortgage Corp.,	
2,219	Ser. 2579, Class HI, 5.00%, 8/15/17	254,1
5,971	Ser. 2611, Class QI, 5.50%, 9/15/32	1,088,4
	Federal National Mortgage Assoc.,	
25,1342	Ser. 90, Class JH, 1.38%, 11/25/34	1,096,3
4,126	Ser. 378, Class 5, 5.00%, 7/01/36	975,8
	Total Interest Only Mortgage-Backed Securities	3,414,7
	Commercial Mortgage-Backed Securities 6.9%	
2,1802	Banc of America Commerical Mortgage, Inc., Ser. 1, Class A4, 4.871%, 11/10/42	2,141,3
771	Commercial Mortgage Acceptance Corp., Ser. C2, Class A2, 6.03%, 9/15/30	770,4
2,720	Credit Suisse First Boston Mortgage Securities Corp., Ser. CP5, Class A2, 4.94%, 12/15/35	2,632,1
2,1702	Credit Suisse Mortgage Capital Certificates, Ser. C2, Class A3, 5.542%, 1/15/49	2,098,2
1,5402	General Motor Acceptance Corp. Commercial Mortgage Securities, Inc., Ser. C3, Class A2, 7.179%, 8/15/36	1,578,4
2,068	Goldman Sachs Mortgage Securities Corp. II, Ser. C1, Class A3, 6.135%, 10/18/30	2,071,0
1,4542	Heller Financial Commercial Mortgage Asset Co., Ser. PH1, Class A2, 6.847%, 5/15/31	1,472,3
	JPMorgan Chase Commercial Mortgage Securities Corp.,	
2,140	Ser. C1, Class A3, 5.857%, 10/12/35	2,157,3
2,180	Ser. CBX, Class A4, 4.529%, 1/12/37	2,103,7
1,6612	JPMorgan Commercial Mortgage Finance Corp., Ser. C10, Class A2, 7.371%, 8/15/32	1,720,0
2,1372	Morgan Stanley Capital Trust I, Ser. HF2, Class A2, 6.48%, 11/15/30	2,144,7
3,5002	Salomon Brothers Mortgage Securities VII, Ser. C1, Class A2, 7.52%, 12/18/09	3,625,0
	Total Commercial Mortgage-Backed Securities	24,515,0
	Corporate Bonds 59.3%	
	Aerospace & Defense 1.1%	
1504	Bombardier, Inc., 8.00%, 11/15/14 (Canada)	148,5
1,195	DI Finance/DynCorp Intl., Ser. B, 9.50%, 2/15/13	1,218,9
	DRS Technologies, Inc.,	
70	6.875%, 11/01/13	67,2
80	7.625%, 2/01/18	76,8

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960	Northrop Grumman Corp., 7.875%, 3/01/26	1,153,7
15	Sequa Corp., 9.00%, 8/01/09	15,6
1204	TransDigm, Inc., 7.75%, 7/15/14	117,6
1,125	United Technologies Corp., 4.875%, 5/01/15	1,069,2
	Total Aerospace & Defense	3,867,5
	Automotive 1.1%	
265	Accuride Corp., 8.50%, 2/01/15	251,7
	AutoNation, Inc.,	
150	7.00%, 4/15/14	140,2
1502	7.36%, 4/15/13	139,5

BlackRock Core Bond Trust (BHK) (continued)

(Percentages shown are based on Net Assets)

Principal Amount (000)	Description	Value
Automotive (cont'd)		
\$ 600	Ford Capital BV, 9.50%, 6/01/10 (Netherlands)	\$ 588,000
360	Lear Corp., Ser. B, 8.75%, 12/01/16	333,000
250	Metaldyne Corp., 10.00%, 11/01/13	245,000
2,100	Sonic Automotive, Inc., Ser. B, 8.625%, 8/15/13	2,084,250
	Total Automotive	3,781,750
Basic Materials 3.5%		
995	AK Steel Corp., 7.75%, 6/15/12	985,050
525	Abitibi-Consolidated, Inc., 6.00%, 6/20/13 (Canada)	414,750
2504	American Pacific Corp., 9.00%, 2/01/15	247,500
802	Bowater, Inc., 8.36%, 3/15/10	75,600
200	CPG Intl. I, Inc., 10.50%, 7/01/13	194,000
30	Chemtura Corp., 6.875%, 6/01/16	27,675
60	Domtar, Inc., 7.125%, 8/15/15 (Canada)	55,950
	Freeport-McMoRan Copper & Gold, Inc.,	
1,020	8.375%, 4/01/17	1,071,000
3302	8.564%, 4/01/15	339,900
66	Huntsman LLC, 12.00%, 7/15/12	72,600
	Ineos Group Holdings Plc (United Kingdom)	
285	7.875%, 2/07/16 (EUR)	340,695
1,3304	8.50%, 2/15/16	1,216,950
885	Innophos, Inc., 8.875%, 8/15/14	889,425
5154	Key Plastics LLC/Key Plastics Finance Corp., 11.75%, 3/15/13	489,250
65	Lyondell Chemical Co., 8.00%, 9/15/14	69,550
1,705	NewPage Corp., 10.00%, 5/01/12	1,739,100
	Noranda, Inc. (Canada)	
825	6.00%, 10/15/15	826,287
1,250	6.20%, 6/15/35	1,193,248
6102	Nova Chemicals Corp., 8.484%, 11/15/13 (Canada)	594,750
1,430	Teck Cominco Ltd., 6.125%, 10/01/35 (Canada)	1,313,489
430	Terra Capital, Inc., Ser. B, 7.00%, 2/01/17	406,350
304	Verso Paper Holdings LLC/Verson Paper, Inc., 11.375%, 8/01/16	30,600
	Total Basic Materials	12,593,719
Building & Development 0.2%		
440	Goodman Global Holding Co., Inc., 7.875%, 12/15/12	440,000
190	Nortek, Inc., 8.50%, 9/01/14	163,400
85	North American Energy Partners, Inc., 8.75%, 12/01/11 (Canada)	85,425
	Total Building & Development	688,825
Commercial Services 0.1%		
100	FTI Consulting, Inc., 7.75%, 10/01/16	98,000
2004	Quebecor World, Inc., 9.75%, 1/15/15 (Canada)	192,000
	Total Commercial Services	290,000
Consumer Products 2.3%		
6502	Ames True Temper, Inc., 9.36%, 1/15/12	643,500
302	Avis Budget Car Rental LLC/Avis Budget Finance, Inc., 7.86%, 5/15/14	28,800

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775	CVS Caremark Corp., 6.25%, 6/01/27	739,380
3004	Dollar General Corp., 10.625%, 7/15/15	265,500
695	Federated Retail Holdings, Inc., 5.90%, 12/01/16	672,219
	General Nutrition Centers, Inc.,	
5004	9.796%, 3/15/14	465,000
4004	10.75%, 3/15/15	378,000
850	Kimberly-Clark Corp., 6.625%, 8/01/37	854,969
320	Lazy Days RV Center, Inc., 11.75%, 5/15/12	310,400
	Michaels Stores, Inc.,	
4704	10.00%, 11/01/14	455,900
6004	11.375%, 11/01/16	579,000
1,000	Pantry, Inc. (The), 7.75%, 2/15/14	940,000
200	Quiksilver, Inc., 6.875%, 4/15/15	177,000
250	Reynolds American, Inc., 7.625%, 6/01/16	258,067
710	Rite Aid Corp., 7.50%, 3/01/17	651,425
3904	Sally Holdings LLC, 10.50%, 11/15/16	368,550
555	United Rentals NA, Inc., 7.00%, 2/15/14	564,712
	Total Consumer Products	8,352,422
	Containers & Packaging 0.9%	
	Berry Plastics Holding Corp.,	
270	8.875%, 9/15/14	259,200
1802	9.235%, 9/15/14	172,800
150	Crown Americas LLC/Crown Americas Capital Corp., 7.75%, 11/15/15	
75	Graham Packaging Co., Inc., 8.50%, 10/15/12	70,125
3002,4	Impress Holdings BV, 8.485%, 9/15/13 (Netherlands)	300,000
1,500	Owens Brockway, 8.25%, 5/15/13	1,507,500
545	Pregis Corp., 12.375%, 10/15/13	604,950
	Total Containers & Packaging	3,062,325
	Ecological Services & Equipment 0.2%	
590	Waste Services, Inc., 9.50%, 4/15/14	598,850
	Energy 7.5%	
425	Amerada Hess Corp., 7.125%, 3/15/33	453,454
2,350	Anadarko Petroleum Corp., 6.45%, 9/15/36	2,269,136
140	Berry Petroleum Co., 8.25%, 11/01/16	135,100
875	Burlington Resources Finance Co., 7.40%, 12/01/31 (Canada)	996,267
250	Canadian Natural Resources Ltd., 6.25%, 3/15/38 (Canada)	238,977
320	Chaparral Energy, Inc., 8.50%, 12/01/15	287,200
	Chesapeake Energy Corp.,	
150	6.375%, 6/15/15	140,813
20	6.875%, 11/15/20	18,625
500	Cleveland Electric Illuminating Co., 5.95%, 12/15/36	456,463
	Compagnie Generale de Geophysique-Veritas (France)	
55	7.50%, 5/15/15	53,625
90	7.75%, 5/15/17	87,750
235	Compton Petroleum Finance Corp., 7.625%, 12/01/13 (Canada)	
125	Conoco Funding Co., 7.25%, 10/15/31 (Canada)	140,304
535	ConocoPhillips Funding Co., 5.95%, 10/15/36 (Canada)	
250	ConocoPhillips Holding Co., 6.95%, 4/15/29	272,487
725	DTE Energy Co., 6.35%, 6/01/16	734,982
100	Devon Energy Corp., 7.95%, 4/15/32	117,008
115	Edison Mission Energy, 7.50%, 6/15/13	110,975

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	El Paso Natural Gas Co.,	
265	8.625%, 1/15/22	308,346
225	8.875%, 6/15/32	260,411
124	Elwood Energy LLC, 8.159%, 7/05/26	124,760
1,000	EnCana Corp., 6.50%, 8/15/34 (Canada)	1,011,973
	Encore Acquisition Co.,	
40	6.00%, 7/15/15	34,400
60	7.25%, 12/01/17	54,000
1,500	Energy East Corp., 6.75%, 7/15/36	1,553,364
130	Exco Resources, Inc., 7.25%, 1/15/11	129,025
950	Florida Power & Light Co., 4.95%, 6/01/35	817,356
80	Grant Prideco, Inc., Ser. B, 6.125%, 8/15/15	74,400
1754	Halliburton Co., 7.60%, 8/15/96	194,672
210	KCS Energy, Inc., 7.125%, 4/01/12	205,800
700	Midamerican Energy Co., 5.80%, 10/15/36	660,024

BlackRock Core Bond Trust (BHK) (continued)

(Percentages shown are based on Net Assets)

Principal Amount (000)	Description	Value
Energy (cont'd)		
\$ 800	Midamerican Energy Holdings Co., 5.95%, 5/15/37	\$ 748,654
75	Midwest Generation LLC, Ser. B, 8.56%, 1/02/16	77,574
155	Mirant Americas Generation LLC, 8.30%, 5/01/11	151,900
	NRG Energy, Inc.,	
50	7.25%, 2/01/14	48,250
285	7.375%, 2/01/16	275,025
1,0504	Nakilat, Inc., 6.067%, 12/31/33 (Qatar)	1,003,590
4504	OPTI, Inc., 8.25%, 12/15/14 (Canada)	450,000
1,000	Ohio Edison Co., 6.875%, 7/15/36	1,038,433
425	ONEOK Partners LP, 6.65%, 10/01/36	419,241
130	Orion Power Holdings, Inc., 12.00%, 5/01/10	141,050
1,650	Pemex Project Funding Master Trust, 9.625%, 12/02/08	1,733,325
3304	Sabine Pass LNG LP, 7.50%, 11/30/16	313,500
700	Scottish Power Plc, 5.375%, 3/15/15 (United Kingdom)	688,425
3154	SemGroup LP, 8.75%, 11/15/15	310,275
225	Southern California Edison Co., 5.625%, 2/01/36	209,895
4602,4	Stone Energy Corp., 9.11%, 7/15/10	458,850
295	Suncor Energy, Inc., 6.50%, 6/15/38 (Canada)	300,686
3204	Targa Resources, Inc., 8.50%, 11/01/13	354,773
550	Trans-Canada Pipelines Ltd., 5.85%, 3/15/36 (Canada)	523,190
950	Valero Energy Corp., 6.625%, 6/15/37	945,583
2,000	Virginia Electric & Power Co., Ser. A, 6.00%, 5/15/37	1,912,830
6254	Weatherford Int'l., Inc., 6.80%, 6/15/37	638,682
375	Whiting Petroleum Corp., 7.25%, 5/01/12-5/01/13	351,025
1,125	XTO Energy, Inc., 6.75%, 8/01/37	1,143,873
	Total Energy	26,918,449
Entertainment & Leisure 0.8%		
185	AMC Entertainment, Inc., 11.00%, 2/01/16	191,013
80	Cinemark, Inc., Zero Coupon, 3/15/14	72,000
1,000	Circus & Eldorado Joint Venture, 10.125%, 3/01/12	1,045,000
150	Gaylord Entertainment Co., 6.75%, 11/15/14	139,500
3354	Greektown Holdings LLC, 10.75%, 12/01/13	343,375
930	Harrah's Operating Co., Inc., 5.75%, 10/01/17	660,300
260	Seneca Gaming Corp., Ser. B, 7.25%, 5/01/12	256,100
215	Travelport LLC, 9.875%, 9/01/14	218,225
40	Wynn Las Vegas LLC/Wynn Las Vegas Capital Corp., 6.625%, 12/01/14	37,100
	Total Entertainment & Leisure	2,962,613
Financial Institutions 21.6%		
	American Real Estate Partners LP/American Real Estate Finance Corp.,	
320	7.125%, 2/15/13	300,800
3,165	8.125%, 6/01/11	3,038,400
1702,4	BMS Holdings, Inc., 12.40%, 2/15/12	168,300
	Bank of America NA,	
1,550	Ser. BKNT, 6.00%, 10/15/36	1,476,189

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1,975	Ser. BKNT, 6.10%, 6/15/17	1,985,680
325	Bank One Corp., 3.70%, 1/15/08	322,395
1,400	BankBoston NA, 6.375%, 3/25/08-4/15/08	1,407,592
4,9702	Barclays Bank Plc NY, 5.37%, 3/13/09	4,974,821
3504	Belvoir Land LLC, Ser. A1, 5.27%, 12/15/47	315,980
1,075	Berkshire Hathaway Finance Corp., 4.75%, 5/15/12	1,055,261
1,100	Chubb Corp., 6.00%, 5/11/37	1,050,081
600	CitiFinancial, 6.25%, 1/01/08	601,614
	Citigroup, Inc.,	
3,9505	3.625%, 2/09/09	3,862,666
5,4705	4.125%, 2/22/10	5,334,399
1,020	4.25%, 7/29/09	1,004,544
985	5.875%, 5/29/37	921,393
525	6.875%, 2/15/98	534,679
3,7754	Depfa ACS Bank, 5.125%, 3/16/37 (Ireland)	3,398,534
	Ford Motor Credit Co. LLC,	
340	7.80%, 6/01/12	323,715
2002	8.11%, 1/13/12	190,968
5254	Fort Irwin Land LLC, Ser. A-1, 5.03%, 12/15/25	488,938
1,415	Goldman Sachs Group, Inc. (The), 5.35%, 1/15/16	1,339,569
	HBOS Treasury Services Plc (United Kingdom)	
8554	3.60%, 8/15/07	855,923
8254	3.75%, 9/30/08	809,975
775	HSBC Bank NA, 5.875%, 11/01/34	727,496
300	HSBC Holdings Plc, 6.50%, 5/02/36 (United Kingdom)	299,186
240	iPayment, Inc., 9.75%, 5/15/14	229,200
7994	iPayment Investors LP, 11.625%, 7/15/14	798,815
1,5004	Irwin Land LLC, 5.40%, 12/15/47	1,393,290
255	K&F Acquisition, Inc., 7.75%, 11/15/14	274,125
1,525	MetLife, Inc., 5.70%, 6/15/35	1,400,523
1,1504	Metropolitan Global Funding I, 4.25%, 7/30/09	1,130,411
	Momentive Performance Materials, Inc.,	
404	9.75%, 12/01/14	38,400
7704	10.125%, 12/01/14	744,975
	Morgan Stanley,	
3,3002	5.61%, 1/09/12	3,242,154
525	6.25%, 8/09/26	501,371
1,375	Ser. MTN, 5.55%, 4/27/17	1,294,303
8504	New York Life Global Funding, 3.875%, 1/15/09	832,079
350	Ohana Military Communities LLC, Ser. 04I, 6.193%, 4/01/49	360,381
	Prudential Financial, Inc.,	
500	5.90%, 3/17/36	469,821
675	Ser. MTN, 5.70%, 12/14/36	611,898
1,0004	Prudential Funding LLC, 6.60%, 5/15/08	1,006,986
5,5502,4	Rabobank Nederland Global, 5.36%, 4/06/09 (Netherlands)	5,553,103
	Rainbow National Services LLC,	
2004	8.75%, 9/01/12	205,000
1,4554	10.375%, 9/01/14	1,585,950
5502	SLM Corp., 5.66%, 1/27/14	468,789
335	Standard Aero Holdings, Inc., 8.25%, 9/01/14	351,750
2,3526	Structured Asset Receivable Trust, 1.649%, 1/21/10	2,350,711

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	SunTrust Bank,	
1,635	3.625%, 10/15/07	1,629,101
995	4.00%, 10/15/08	981,656
1,265	4.415%, 6/15/09	1,240,736
2354	TIAA Global Markets, Inc., 3.875%, 1/22/08	233,157
975	Travelers Cos., Inc., Ser. MTN, 6.25%, 6/15/37	939,169
2,790	US Bank NA, 6.50%, 2/01/08	2,797,363
4954	USAA Capital Corp., 4.00%, 12/10/07	492,426
375	U.S. Bancorp, Ser. N, 3.95%, 8/23/07	374,692
502	Universal City Florida Holding Co. I/II, 10.106%, 5/01/10	50,250
	Wells Fargo & Co.,	
1,031	3.12%, 8/15/08	1,002,839
355	4.20%, 1/15/10	347,211
1,665	4.625%, 8/09/10	1,630,611
435	4.875%, 1/12/11	428,990
1,150	Wells Fargo Bank NA, 5.95%, 8/26/36	1,114,220

BlackRock Core Bond Trust (BHK) (continued)

(Percentages shown are based on Net Assets)

Principal Amount (000)	Description
Financial Institutions (cont'd)	
\$ 6054	Wimar Opco LLC/Wimar Opco Finance Corp., 9.625%, 12/15/14
1,7754	Xstrata Finance Ltd., 5.80%, 11/15/16 (Canada)
	Total Financial Institutions
Health Care 2.0%	
340	Bristol-Myers Squibb Co., 5.875%, 11/15/36
2,275	Eli Lilly & Co., 5.55%, 3/15/37
875	Tenet Healthcare Corp., 6.50%, 6/01/12
995	Teva Pharmaceutical Finance LLC, 6.15%, 2/01/36
870	UnitedHealth Group, Inc., 5.80%, 3/15/36
	WellPoint, Inc.,
955	5.85%, 1/15/36
85	5.95%, 12/15/34
	Wyeth,
675	6.00%, 2/15/36
925	5.95%, 4/01/37
	Total Health Care
Industrials 1.2%	
1,575	3M Co., Ser. MTN, 5.70%, 3/15/37
3604	AGY Holding Corp., 11.00%, 11/15/14
140	Hexcel Corp., 6.75%, 2/01/15
120	Park-Ohio Industries, Inc., 8.375%, 11/15/14
	RBS Global, Inc./Rexnord Corp.,
480	9.50%, 8/01/14
505	11.75%, 8/01/16
9504	Sunstate Equipment Co. LLC, 10.50%, 4/01/13
154	Trimas Corp., 9.875%, 6/15/12
	Total Industrials
Media 6.2%	
	AOL Time Warner, Inc.,
90	6.625%, 5/15/29
3,040	7.57%, 2/01/24
2055	7.625%, 4/15/31
85	7.70%, 5/01/32
	Affinion Group, Inc.,
515	10.125%, 10/15/13
180	11.50%, 10/15/15
100	American Media Operations, Inc., Ser. B, 10.25%, 5/01/09
430	CCH I Holdings LLC/CCH I Holdings Capital Corp., 11.00%, 10/01/15
645	CMP Susquehanna Corp., 9.875%, 5/15/14
1802	Cablevision Systems Corp., Ser. B, 9.82%, 4/01/09
110	CanWest MediaWorks, Inc., 8.00%, 9/15/12 (Canada)
	Charter Communications Holdings II LLC/Charter Communications Holdings II Capital Corp.,
1,210	10.25%, 9/15/10
130	Ser. B, 10.25%, 9/15/10

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	Comcast Corp.,
790	6.45%, 3/15/37
2,375	6.50%, 1/15/17-11/15/35
75	Dex Media West LLC/Dex Media Finance Co., Ser. B, 9.875%, 8/15/13
125	DirecTV Holdings LLC/DirecTV Financing Co., 8.375%, 3/15/13
	EchoStar DBS Corp.,
175	5.75%, 10/01/08
290	7.00%, 10/01/13
75	7.125%, 2/01/16
6002,4	ION Media Networks, Inc., 8.61%, 1/15/12
620	Idearc, Inc., 8.00%, 11/15/16
485	Network Communications, Inc., 10.75%, 12/01/13
	News America Holdings, Inc.,
985	7.625%, 11/30/28
825	7.70%, 10/30/25
625	8.45%, 8/01/34
560	Nexstar Finance, Inc., 7.00%, 1/15/14
	Nielsen Finance LLC/Nielsen Finance Co.,
3004	Zero Coupon, 8/01/16
9654	10.00%, 8/01/14
400	Primedia, Inc., 8.00%, 5/15/13
865	RH Donnelley Corp., Ser. A-3, 8.875%, 1/15/16
70	Sirius Satellite Radio, Inc., 9.625%, 8/01/13
	TCI Communications, Inc.,
620	7.875%, 8/01/13-2/15/26
200	7.125%, 2/15/28
1,0004	TL Acquisitions, Inc., 10.50%, 1/15/15
70	Time Warner Cos., Inc., 6.95%, 1/15/28
3504	Univision Communications, Inc., 9.75%, 3/15/15
645	Vertis, Inc., 9.75%, 4/01/09
1,230	Young Broadcasting, Inc., 10.00%, 3/01/11
	Total Media
	Real Estate 1.0%
	AvalonBay Communities, Inc.,
350	6.625%, 9/15/11
775	8.25%, 7/15/08
	Rouse Co.,
895	3.625%, 3/15/09
1,650	5.375%, 11/26/13
	Total Real Estate
	Technology 1.4%
	Amkor Technology, Inc.,
80	7.75%, 5/15/13
145	9.25%, 6/01/16
250	Celestica, Inc., 7.625%, 7/01/13 (Canada)
	Freescale Semiconductor, Inc.,
1,1754	9.125%, 12/15/14
1402,4	9.235%, 12/15/14
740	NXP BV/NXP Funding LLC, 9.50%, 10/15/15 (Netherlands)
	Sanmina-SCI Corp.,
65	6.75%, 3/01/13

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5651	8.125%, 3/01/16
450	Sensata Technologies, 8.00%, 5/01/14 (Netherlands)
	SunGard Data Systems, Inc.,
105	9.125%, 8/15/13
610	10.25%, 8/15/15
945	Superior Essex Communications LLC/Essex Group, Inc., 9.00%, 4/15/12
	Total Technology
	Telecommunications 7.7%
1,700	BellSouth Telecommunications, Zero Coupon, 12/15/95
210	Cincinnati Bell, Inc., 7.25%, 7/15/13
415	Cricket Communications, Inc., 9.375%, 11/01/14
3,000	Deutsche Telekom Intl. Finance BV, 5.75%, 3/23/16 (Netherlands)
	Digicel Group Ltd. (Bermuda)
2404	8.875%, 1/15/15
5604	9.125%, 1/15/15
1902	Hawaiian Telcom Communications, Inc., Ser. B, 10.86%, 5/01/13
475	Intelsat Corp., 9.00%, 6/15/16

BlackRock Core Bond Trust (BHK) (continued)

(Percentages shown are based on Net Assets)

Principal Amount (000)	Description
Telecommunications (cont'd)	
	Intelsat Ltd. (Bermuda)
\$ 952	8.886%, 1/15/15
500	9.25%, 6/15/16
200	11.25%, 6/15/16
8702	11.409%, 6/15/13
295	Intelsat Subsidiary Holding Co. Ltd., 8.625%, 1/15/15 (Bermuda)
7704	Nordic Telephone Co. Holdings A.p.S., 8.875%, 5/01/16 (Denmark)
	Nortel Networks Ltd. (Canada)
5302,4	9.61%, 7/15/11
1854	10.125%, 7/15/13
155	PanAmSat Corp., 9.00%, 8/15/14
	Qwest Corp.,
200	7.875%, 9/01/11
4702	8.61%, 6/15/13
780	SBC Communications, Inc., 6.45%, 6/15/34
1,715	Sprint Capital Corp., 6.875%, 11/15/28
	Telecom Italia Capital S.A. (Luxembourg)
1,075	4.95%, 9/30/14
1,550	6.00%, 9/30/34
1,975	Telefonica Emisones SAU, 7.045%, 6/20/36 (Spain)
725	Telefonica Europe BV, 7.75%, 9/15/10 (Netherlands)
70	Verizon Global Funding Corp., 7.75%, 12/01/30
125	Verizon Maryland, Inc., 5.125%, 6/15/33
	Verizon New Jersey, Inc.,
230	7.85%, 11/15/29
335	Ser. A, 5.875%, 1/17/12
3,150	Verizon Virginia, Inc., 4.625%, 3/15/13
	Vodafone Group Plc (United Kingdom)
1,4652	5.45%, 12/28/07
2,504	7.75%, 2/15/10
1,100	West Corp., 11.00%, 10/15/16
3504	Wind Acquisition Finance S.A., 10.75%, 12/01/15 (Luxembourg)
	Windstream Corp.,
500	8.125%, 8/01/13
280	8.625%, 8/01/16
	Total Telecommunications
	Transportation 0.5%
115	American Airlines, Inc., Ser. 99-1, 7.324%, 4/15/11
110	Britannia Bulk Plc, 11.00%, 12/01/11 (United Kingdom)
405	CHC Helicopter Corp., 7.375%, 5/01/14 (Canada)
350	Canadian National Railway Co., 6.25%, 8/01/34 (Canada)
47	Horizon Lines LLC, 9.00%, 11/01/12
5004	Navios Maritime Holdings, Inc., 9.50%, 12/15/14 (Marshall Islands)
6104	St. Acquisition Corp., 12.50%, 5/15/17

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	Total Transportation
	Total Corporate Bonds
	U.S. Government and Agency Securities 4.1%
1,670	Aid to Israel, 5.50%, 4/26/24-9/18/33
1,050	Resolution Funding Corp., 7/15/18-10/15/18
1,655	Tennessee Valley Authority, Ser. C, 5.88%, 4/01/36
925	U.S. Treasury Bonds, 4.75%, 2/15/37
7,423	U.S. Treasury Inflation Protected Bond, 2.375%, 1/15/27
2,280	U.S. Treasury Notes, 4.50%, 5/15/17
	Total U.S. Government and Agency Securities
	Foreign Government Bonds 0.9%
1,100	France, 3.75%, 4/25/17 (EUR)
2,000	United Mexican States, 5.625%, 1/15/17
	Total Foreign Government Bonds
	Non-Agency Multiple Class Mortgage Pass-Through Securities 2.7%
	First Union National Bank Commercial Mortgage,
3,103	Ser. C3, Class A3, 6.423%, 8/15/33
2,265	Ser. C4, Class A2, 6.223%, 12/12/33
2,350	General Motor Acceptance Corp. Commercial Mortgage Securities, Inc., Ser. C4, Class A2, 4.93%, 7/15/33
2,364	Structured Asset Securities Corp., Ser. AL1, Class A2, 3.45%, 2/25/32
	Total Non-Agency Multiple Class Mortgage
	Pass-Through Securities
	Trust Preferred Stocks 2.8%
1,9502	Allstate Corp., 6.50%, 5/15/57
545	BAC Capital Trust XI, 6.625%, 5/23/36
1,5502,4,7	Barclays Bank Plc, 5.926% (United Kingdom)
9152,4,7	Credit Agricole S.A., 6.637% (France)
1,5502,7	Credit Suisse Ltd., 5.86% (Guernsey)
790	Peco Energy Capital Trust IV, 5.75%, 6/15/33
6052	Progressive Corp., 6.70%, 6/15/37
1,4002,4,7	Societe Generale, 5.922% (France)
45	Superior Essex Holding Corp., Ser. A, 9.50%
6752	Travelers Cos., Inc., 6.25%, 3/15/67
6752,4	ZFS Finance Trust I, 6.50%, 5/09/37
	Total Trust Preferred Stocks
	Taxable Municipal Bond 0.3%
1,000	Illinois State Pension, 5.10%, 6/01/33
Shares	
	Common Stocks 0.0%
1,8958	Critical Care Systems Intl., Inc.
	Preferred Stocks 0.4%
60,000	Deutsche Bank Contingent Capital Trust II, 6.55%
	Total Long-Term Investments
	(cost \$569,827,276)
Principal Amount (000)	
	SHORT-TERM INVESTMENTS 4.0%
	U.S. Government and Agency Discount Notes 3.7%
13,4009	Federal Home Loan Bank Disc. Notes, 5.091%, 8/01/07
	U.S. Government and Agency Security 0.3%

1,1741,9	U.S. Treasury Bonds, 5.10%, 8/06/07
Total Short-Term Investments	
(cost \$14,573,625)	
Notional Amount (000)	
OUTSTANDING OPTIONS PURCHASED 0.8%	
Interest Rate Swaps,	
6,600	Trust pays 3-month LIBOR, Trust receives 5.39%, expires 3/19/12
4,900	Trust pays 3-month LIBOR, Trust receives 5.52%, expires 9/21/36

BlackRock Core Bond Trust (BHK) (continued)

(Percentages shown are based on Net Assets)

Notional Amount (000)	Description	Value
OUTSTANDING OPTIONS PURCHASED¹(cont'd)		
7,675	Trust pays 3-month LIBOR, Trust receives 6.025%, expires 12/12/12	\$ 378,531
7,675	Trust pays 3-month LIBOR, Trust receives 6.025%, expires 6/08/12	322,350
6,600	Trust pays 5.39%, Trust receives 3-month LIBOR, expires 3/19/12	410,850
11,200	Trust pays 5.47%, Trust receives 3-month LIBOR, expires 5/08/12	389,760
11,200	Trust pays 5.47%, Trust receives 3-month LIBOR, expires 5/08/12	668,192
4,900	Trust pays 5.52%, Trust receives 3-month LIBOR, expires 9/21/36	387,967
8,100	Trust pays 5.90%, Trust receives 3-month LIBOR, expires 8/31/07	5,913
Total Outstanding Options Purchased (cost \$2,679,035)		3,034,016
Total Investments before TBA sale commitments and outstanding options written (cost \$587,079,936 ¹⁰)		577,363,994
Principal Amount (000)	TBA SALE COMMITMENT²(11.7)%	
\$ (43,500)	Federal National Mortgage Assoc., 5.50%, 8/14/37 (proceeds \$41,740,053)	(42,004,687)
Notional Amount (000)	OUTSTANDING OPTIONS WRITTEN³(0.5)%	
Interest Rate Swaps,		
(5,300)	Trust pays 3-month LIBOR, Trust receives 5.135%, expires 4/21/08	(215,763)
(6,600)	Trust pays 3-month LIBOR, Trust receives 5.148%, expires 3/19/08	(266,244)
(4,500)	Trust pays 3-month LIBOR, Trust receives 5.485%, expires 10/28/19	(201,420)
(11,500)	Trust pays 3-month LIBOR, Trust receives 5.67%, expires 1/04/10	(458,310)
(6,600)	Trust pays 5.115%, Trust receives 3-month LIBOR, expires 3/19/08	(57,288)
(5,300)	Trust pays 5.135%, Trust receives 3-month LIBOR, expires 4/21/08	(52,024)
(4,500)	Trust pays 5.485%, Trust receives 3-month LIBOR, expires 10/28/19	(130,725)
(11,500)	Trust pays 5.67%, Trust receives 3-month LIBOR, expires 1/04/10	(402,661)
Total Outstanding Options Written (premium received \$2,261,545)		(1,784,435)
Total Investments net of TBA sale commitments and outstanding options written¹149.2%		\$ 533,574,872
Liabilities in excess of other assets (including \$43,466,809 receivable from investments sold, \$6,500,834 interest receivable, \$158,312,273 investments purchased payable and \$66,479,688 reverse repurchase agreement payable) ³ (49.2)%		(175,856,958)
Net Assets¹100%		\$ 357,717,914

1 Entire or partial principal amount pledged as collateral for reverse repurchase agreements.

2 Variable rate security. Rate shown is interest rate as of July 31, 2007.

3 Represents an investment in affiliate.

- 4 Security is not registered under the Securities Act of 1933. These securities may be resold in transactions in accordance with Rule 144A under that Act, to qualified institutional buyers. As of July 31, 2007, the Trust held 12.6% of its net assets, with a current market value of \$44,986,967, in securities restricted as to resale.
- 5 Security, or a portion thereof, pledged as collateral with a value of \$4,691,372 on 34 long Euro Schatz futures contracts expiring September 2007, 1,530 long U.S. Treasury Bond futures contracts expiring September 2007, 592 short Eurodollar futures contracts expiring September to December 2007 and 1,240 short U.S. Treasury Note futures contracts expiring September 2007. The notional value of such contracts on July 31, 2007 was \$110,937,117, with an unrealized gain of \$53,518.
- 6 Illiquid security. As of July 31, 2007, the Trust held 0.7% of its net assets, with a current market value of \$2,350,711, in these securities.
- 7 The security is a perpetual bond and has no stated maturity date.
- 8 Non-income producing security.
- 9 Rate shown is the yield to maturity as of the date of purchase.
- 10 Cost for federal income tax purposes is \$587,543,786. The net unrealized depreciation on a tax basis is \$10,179,792, consisting of \$3,537,882 gross unrealized appreciation and \$13,717,674 gross unrealized depreciation.

For Trust compliance purposes, the Trust's sector and industry classifications refer to any one or more of the Standard Industry Codes as defined by the SEC. This definition may not apply for purposes of this report, which may combine sector and industry sub-classifications for reporting ease.

KEY TO ABBREVIATIONS

COOFS □ Certificates and Confirmations of Originator Fees
EUR □ Euro
LIBOR □ London Interbank Offered Rate
TBA □ To Be Announced

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Item 2 ☐ Controls and Procedures

- 2(a) ☐ The registrant's principal executive and principal financial officers or persons performing similar functions have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act")) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities and Exchange Act of 1934, as amended.
- 2(b) ☐ There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 ☐ Exhibits

Certifications ☐ Attached hereto

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock Core Bond Trust

By: /s/ Donald C. Burke
Donald C. Burke,
Treasurer of
BlackRock Core Bond Trust

Date: September 20, 2007

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ Robert S. Kapito
Robert S. Kapito,
President (principal executive officer) of
BlackRock Core Bond Trust

Date: September 20, 2007

By: /s/ Donald C. Burke
Donald C. Burke,
Treasurer (principal financial officer) of
BlackRock Core Bond Trust

Date: September 20, 2007
