

GAMCO Natural Resources, Gold & Income Trust by Gabelli
Form N-CSR
March 11, 2013

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT

INVESTMENT COMPANIES

Investment Company Act file number 811-22216

GAMCO Natural Resources, Gold & Income Trust by Gabelli

(Exact name of registrant as specified in charter)

One Corporate Center

Rye, New York 10580-1422

(Address of principal executive offices) (Zip code)

Bruce N. Alpert

Gabelli Funds, LLC

One Corporate Center

Rye, New York 10580-1422

(Name and address of agent for service)

registrant's telephone number, including area code: 1-800-422-3554

Date of fiscal year end: December 31

Date of reporting period: December 31, 2012

Form N-CSR is to be used by management investment companies to file reports with the Commission not later than 10 days after the transmission to stockholders of any report that is required to be transmitted to stockholders under Rule 30e-1 under the Investment Company Act of 1940 (17 CFR 270.30e-1). The Commission may use the information provided on Form N-CSR in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-CSR, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-CSR unless the Form displays a currently valid Office of Management and Budget (OMB) control number. Please direct

comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Reports to Stockholders.

The Report to Shareholders is attached herewith.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Annual Report December 31, 2012

Portfolio Management Team

Christopher J. Marangi Kevin V. Dreyer Caesar Bryan Vincent Hugonnard-Roche

To Our Shareholders,

For the year ended December 31, 2012, the net asset value (NAV) total return of the GAMCO Natural Resources, Gold & Income Trust by Gabelli (the Fund) was 3.9%, compared with total returns of 5.2% and (8.3)% for the Chicago Board Options Exchange (CBOE) Standard & Poor's (S&P) 500 Buy/Write Index and the Philadelphia Gold & Silver Index, respectively. The total return for the Fund's publicly traded shares was 14.3%. The Fund's NAV per share was \$13.93, while the price of the publicly traded shares closed at \$13.66 on the New York Stock Exchange (NYSE). See below for additional performance information.

Enclosed are the schedule of investments and financial statements as of December 31, 2012.

Sincerely yours,

Bruce N. Alpert

President

February 22, 2013

Comparative Results

Average Annual Returns through December 31, 2012 (a) (Unaudited)

	1 Year	Since Inception (01/27/11)
GAMCO Natural Resources, Gold & Income Trust by Gabelli		
NAV Total Return (b)	3.90%	(6.23)%
Investment Total Return (c)	14.25	(9.26)
CBOE S&P 500 Buy/Write Index	5.20	5.12(d)
Philadelphia Gold & Silver Index	(8.33)	(9.36)(d)
Dow Jones U.S. Basic Materials Index	10.49	(2.95)(d)
S&P Global Agribusiness Equity Index	14.72	(0.55)

(a) **Returns represent past performance and do not guarantee future results.** Investment returns and the principal value of an investment will fluctuate. When shares are sold, they may be worth more or less than their original cost. Current performance may be lower or higher than the performance data presented. Visit www.gabelli.com for performance information as of the most recent month end. **Investors should carefully consider the investment objectives, risks, charges, and expenses of the Fund before investing.** The CBOE S&P 500 Buy/Write Index is an unmanaged benchmark index designed to reflect the return on a portfolio that consists of a long position in the stocks in the S&P 500 Index and a short position in a S&P 500 (SPX) call option. The Philadelphia Gold & Silver Index is an unmanaged indicator of stock market performance of large North American

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gold and silver companies. The Dow Jones U.S. Basic Materials Index measures the performance of the basic materials sector of the U.S. equity market. The S&P Global Agribusiness Equity Index is designed to provide exposure to twenty-four of the largest publicly traded agribusiness companies, comprised of a mix of Producers, Distributors & Processors, and Equipment & Materials Suppliers companies.

- (b) *Total returns and average annual returns reflect changes in the NAV per share and reinvestment of distributions at NAV on the ex-dividend date and are net of expenses. Since inception return is based on an initial NAV of \$19.06.*

- (c) *Total returns and average returns reflect changes in closing market values on the NYSE and reinvestment of distributions. Since inception return is based on an initial offering price of \$20.00.*

- (d) *From January 31, 2011, the date closest to the Fund's inception for which data is available.*

Summary of Portfolio Holdings (Unaudited)

The following table presents portfolio holdings as a percent of total investments as of December 31, 2012:

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Long Positions		Short Positions	
Metals and Mining	44.0%	Call Options Written	(3.1)%
Energy and Energy Services	26.7%		(3.1)%
Specialty Chemicals	17.6%		
U.S. Government Obligations	4.6%		
Machinery.	4.5%		
Agriculture	2.6%		
	100.0%		

The Fund files a complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year on Form N-Q. Shareholders may obtain this information at www.gabelli.com or by calling the Fund at 800-GABELLI (800-422-3554). The Fund's Form N-Q is available on the SEC's website at www.sec.gov and may also be reviewed and copied at the SEC's Public Reference Room in Washington, DC. Information on the operation of the Public Reference Room may be obtained by calling 800-SEC-0330.

Proxy Voting

The Fund files Form N-PX with its complete proxy voting record for the twelve months ended June 30, no later than August 31 of each year. A description of the Fund's proxy voting policies, procedures, and how the Fund voted proxies relating to portfolio securities is available without charge, upon request, by (i) calling 800-GABELLI (800-422-3554); (ii) writing to The Gabelli Funds at One Corporate Center, Rye, NY 10580-1422; or (iii) visiting the SEC's website at www.sec.gov.

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Schedule of Investments** December 31, 2012

Shares		Cost	Market Value
COMMON STOCKS 95.4%			
Agriculture 2.6%			
139,600	Archer Daniels Midland Co.(a)	\$ 5,021,127	\$ 3,823,644
45,000	Bunge Ltd.(a)	3,268,043	3,271,050
8,000	Monsanto Co.	749,680	757,200
		9,038,850	7,851,894
Energy and Energy Services 26.7%			
80,000	Anadarko Petroleum Corp.(a)	6,620,200	5,944,800
53,600	Apache Corp.(a)	4,997,342	4,207,600
75,000	Arch Coal Inc	1,991,685	549,000
30,000	Baker Hughes Inc.(a)	1,461,000	1,225,200
275,000	BG Group plc	6,051,562	4,523,100
50,000	BP plc, ADR.	2,067,400	2,082,000
100,000	Cameron International Corp. (a)	5,846,923	5,646,000
13,500	Chevron Corp.(a)	1,507,815	1,459,890
35,000	CONSOL Energy Inc.(a)	1,761,130	1,123,500
50,000	Devon Energy Corp.(a)	3,204,730	2,602,000
25,000	EOG Resources Inc	2,725,448	3,019,750
120,000	Halliburton Co.(a)	4,727,084	4,162,800
150,000	LDK Solar Co Ltd., ADR	1,759,695	216,000
150,000	Nabors Industries Ltd.	2,574,120	2,167,500
40,000	National Oilwell Varco Inc.(a)	2,994,868	2,734,000
80,000	Noble Energy Inc.(a)	6,956,800	8,139,200
37,500	Occidental Petroleum Corp	3,506,074	2,872,875
70,000	Petroleo Brasileiro SA, ADR	1,521,121	1,362,900
170,000	ReneSola Ltd., ADR (a)	1,849,498	261,800
95,000	Schlumberger Ltd.(a)	7,743,127	6,582,550
194,700	Suncor Energy Inc.(a)	8,708,124	6,421,206
143,000	Total SA, ADR(a)	8,493,286	7,437,430
25,000	Transocean Ltd.	1,982,750	1,116,250
130,000	Trina Solar Ltd., ADR	3,954,177	564,200
65,000	Tullow Oil plc	1,454,029	1,331,487
270,000	Weatherford International Ltd. (a)	5,759,784	3,021,300
		102,219,772	80,774,338
Machinery 4.5%			
120,000	CNH Global NV(a)	5,723,200	4,834,800
43,000	Deere & Co.(a)	3,817,940	3,716,060
80,000	Joy Global Inc.(a)	6,885,940	5,102,400
		16,427,080	13,653,260
Metals and Mining 44.0%			
140,300	Agnico-Eagle Mines Ltd	7,665,556	7,360,138
300,000	Alderon Iron Ore Corp.	1,222,321	530,813

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134,000	Alpha Natural Resources Inc. (a)	7,180,900	1,305,160
200,000	AngloGold Ashanti Ltd., ADR(a)	9,370,970	6,274,000
135,000	Antofagasta plc	2,965,230	2,903,556
130,000	ArcelorMittal(a)	3,477,057	2,271,100
230,000	Barrick Gold Corp.(a)	10,966,283	8,052,300
19,500	BHP Billiton Ltd., ADR(a)	1,767,086	1,529,580

Shares		Cost	Market Value
150,000	Compania de Minas Buenaventura SA, ADR(a)	\$ 6,265,500	\$ 5,392,500
300,000	Duluth Metals Ltd.	879,876	744,948
300,000	Eldorado Gold Corp	4,446,716	3,860,461
72,300	Franco-Nevada Corp	2,911,687	4,127,068
153,000	Freeport-McMoRan Copper & Gold Inc.(a)	8,159,025	5,232,600
263,000	Globe Specialty Metals Inc.(a)	5,790,428	3,616,250
630,000	Gold Fields Ltd., ADR	10,205,502	7,868,700
220,000	Goldcorp Inc.(a)	9,380,117	8,074,000
353,100	Harmony Gold Mining Co. Ltd., ADR(a)	4,114,480	3,163,776
400,000	Hochschild Mining plc	3,481,157	3,148,850
770,000	Kinross Gold Corp.(a)	12,880,699	7,484,400
100,000	Kirkland Lake Gold Inc.	862,300	588,117
900,000	Lundin Mining Corp.	6,606,973	4,632,552
100,000	MAG Silver Corp.	982,561	1,022,419
235,000	Newcrest Mining Ltd.(b)	9,095,713	5,548,350
102,500	Newmont Mining Corp.(a)	5,602,312	4,760,100
58,000	Peabody Energy Corp	3,610,146	1,543,380
600,000	Perseus Mining Ltd.	1,878,228	1,308,452
80,000	Randgold Resources Ltd., ADR(a)	9,917,600	7,940,000
42,500	Rio Tinto plc, ADR(a)	2,576,639	2,468,825
750,000	Romarco Minerals Inc.	846,418	580,577
35,000	Royal Gold Inc	2,998,100	2,845,850
1,500,000	Saracen Mineral Holdings Ltd.	766,222	591,919
135,000	Silver Lake Resources Ltd.	461,502	465,435
30,000	Tahoe Resources Inc.	537,572	548,909
50,000	Teck Resources Ltd., Cl. B	2,749,720	1,817,500
670,000	USEC Inc.	3,006,558	355,100
180,000	Vale SA, ADR(a)	6,138,950	3,772,800
50,000	Vedanta Resources plc	1,901,612	939,749
78,000	Xstrata plc	1,790,027	1,341,835
400,000	Yamana Gold Inc	7,667,760	6,884,000
		183,127,503	132,896,069

Specialty Chemicals 17.6%			
45,000	Agrium Inc.(a)	4,308,658	4,495,950
46,000	Air Liquide SA	5,899,581	5,771,251
7,500	CF Industries Holdings Inc	1,521,900	1,523,700
143,000	E. I. du Pont de Nemours and Co.(a)	7,010,148	6,430,710
74,800	FMC Corp.(a)	4,026,088	4,377,296
150,000	Intrepid Potash Inc	4,037,840	3,193,500
190,000	Potash Corp of Saskatchewan Inc.(a)	10,257,118	7,731,100
31,000	Praxair Inc	3,077,203	3,392,950
96,500	Rockwood Holdings Inc.(a)	4,399,683	4,772,890
137,100	The Dow Chemical Co.(a)	4,841,541	4,431,072

See accompanying notes to financial statements.

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Schedule of Investments (Continued) December 31, 2012**

Shares		Cost	Market Value
COMMON STOCKS (Continued)			
Specialty Chemicals (Continued)			
126,000	The Mosaic Co.(a)	\$ 8,983,322	\$ 7,135,380
		58,363,082	53,255,799
	TOTAL COMMON STOCKS	369,176,287	288,431,360
WARRANTS 0.0%			
Metals and Mining 0.0%			
20,000	Duluth Metals Ltd., expire 01/18/13 (b)(c)(d)	0	0
U.S. GOVERNMENT OBLIGATIONS 4.6%			
Principal Amount			
\$13,914,000	U.S. Treasury Bills, 0.090% to 0.120% , 05/30/13 to 06/20/13(e)	13,907,540	13,907,931
TOTAL INVESTMENTS	100.0%	\$ 383,083,827	302,339,291
CALL OPTIONS WRITTEN (Premiums received \$10,695,860)			(9,260,206)
Other Assets and Liabilities (Net)			(2,114,963)
NET ASSETS COMMON STOCK (20,893,043 common shares outstanding)			\$ 290,964,122
NET ASSET VALUE PER COMMON SHARE (\$290,964,122 ÷ 20,893,043 shares outstanding)			\$ 13.93

Number of Contracts		Expiration Date/ Exercise Price	Market Value
OPTIONS CONTRACTS WRITTEN (f) (3.1)%			
Call Options Written (3.1)%			
700	Agnico-Eagle Mines Ltd	Feb. 13/52.50	\$ 143,500
700	Agnico-Eagle Mines Ltd	Apr. 13/55	189,700
300	Agrium Inc	Apr. 13/95	253,500
150	Agrium Inc	Apr. 13/100	82,500
75	Air Liquide SA(g)	Jan. 13/94	20,542

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343	Air Liquide SA(g)	Mar. 13/96	136,955
1,340	Alpha Natural Resources Inc	Mar. 13/10	159,460
800	Anadarko Petroleum Corp	Feb. 13/77.50	169,200
1,000	AngloGold Ashanti Ltd., ADR	Jan. 13/37	10,000
1,000	AngloGold Ashanti Ltd., ADR	Mar. 13/34	71,530
135	Antofagasta plc(h)	Mar. 13/1400	86,624
200	Apache Corp	Jan. 13/87.50	1,400
336	Apache Corp	Jan. 13/92.50	1,008
1,300	ArcelorMittal	Mar. 13/18	117,650
		Expiration	
		Date/	
		Exercise	
		Price	
Number of			Market
Contracts			Value
750	Arch Coal Inc	Jan. 13/9	\$ 2,625
698	Archer Daniels Midland Co	Mar. 13/28	56,538
698	Archer Daniels Midland Co	Mar. 13/29	30,014
225	Baker Hughes Inc	Jan. 13/47	900
75	Baker Hughes Inc	Jan. 13/48	75
400	Barrick Gold Corp	Jan. 13/38	3,600
1,150	Barrick Gold Corp	Jan. 13/42	2,875
750	Barrick Gold Corp	Apr. 13/38	85,125
140	BG Group plc(h)	Jan. 13/1100	5,685
135	BG Group plc(h)	Jan. 13/1350	7,676
195	BHP Billiton Ltd., ADR	Feb. 13/70	174,038
500	BP plc, ADR	Apr. 13/40	131,000
450	Bunge Ltd	Jan. 13/72.50	51,750
1,000	Cameron International Corp	Feb. 13/57.50	202,500
75	CF Industries Holdings Inc	May 13/200	130,875
135	Chevron Corp	Mar. 13/110	28,350
400	CNH Global NV	Mar. 13/35	236,000
800	CNH Global NV	Mar. 13/40	190,000
1,500	Compania de Minas Buenaventura SA, ADR	Mar. 13/38	146,250
350	CONSOL Energy Inc	Jan. 13/38	1,050
430	Deere & Co	Mar. 13/85	169,850
1,080	EI du Pont de Nemours & Co	Jan. 13/50	4,320
350	EI du Pont de Nemours & Co	Apr. 13/42	136,500
3,000	Eldorado Gold Corp.(i)	Feb. 13/16	18,096
250	EOG Resources Inc	Jan. 13/105	396,250
273	FMC Corp	Jan. 13/52.50	154,245
275	FMC Corp	Jan. 13/55	103,125
100	FMC Corp	Apr. 13/55	51,000
100	FMC Corp	Apr. 13/60	22,750
723	Franco-Nevada Corp.(i)	Jan. 13/56	127,199
300	Freeport-McMoRan Copper & Gold Inc	Feb. 13/36	21,000
1,230	Freeport-McMoRan Copper & Gold Inc	Feb. 13/41	8,610
234	Glencore International plc(h)	Mar. 13/380	20,907
2,630	Globe Specialty Metals Inc	Mar. 13/15	138,075
6,300	Gold Fields Ltd., ADR	Jan. 13/14	15,750
800	Goldcorp Inc	Jan. 13/47	2,400
1,000	Goldcorp Inc	Apr. 13/40	152,000
400	Goldcorp Inc	Apr. 13/42	34,000
1,200	Halliburton Co	Jan. 13/35	81,600
1,500	Harmony Gold Mining Co. Ltd., ADR	Jan. 13/9	43,500
1,000	Harmony Gold Mining Co. Ltd., ADR	Feb. 13/9	55,000
1,030	Harmony Gold Mining Co. Ltd., ADR	May 13/10	56,650
1,000	Intrepid Potash Inc	Jan. 13/20.25	130,000
500	Intrepid Potash Inc	Mar. 13/23.25	26,250

See accompanying notes to financial statements.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Schedule of Investments (Continued) December 31, 2012

Number of Contracts		Expiration Date/ Exercise Price	Market Value
OPTIONS CONTRACTS WRITTEN (f) (Continued)			
Call Options Written (Continued)			
800	Joy Global Inc	Jan. 13/70	\$ 17,200
2,900	Kinross Gold Corp	Jan. 13/10	52,200
4,800	Kinross Gold Corp	Feb. 13/11	81,600
8,100	Lundin Mining Corp.(i)	Apr. 13/6	101,789
80	Monsanto Co	Apr. 13/90	56,000
1,500	Nabors Industries Ltd	Mar. 13/16	80,250
400	National Oilwell Varco Inc	Feb. 13/77.50	13,200
1,025	Newmont Mining Corp	Mar. 13/48	188,600
400	Noble Energy Inc	Jan. 13/92.50	380,000
400	Noble Energy Inc	Feb. 13/92.50	400,000
200	Occidental Petroleum Corp	Feb. 13/80	24,800
175	Occidental Petroleum Corp	Feb. 13/87.50	3,150
580	Peabody Energy Corp	Mar. 13/29	62,060
190	Potash Corp. of Saskatchewan Inc	Mar. 13/42	20,710
180	Praxair Inc	Jan. 13/105	89,100
130	Praxair Inc	Apr. 13/105	89,700
400	Randgold Resources Ltd., ADR.	Jan. 13/125	3,200
400	Randgold Resources Ltd., ADR.	Mar. 13/110	102,000
1,700	ReneSola Ltd	Apr. 13/2	25,500
275	Rio Tinto plc, ADR	Jan. 13/55	101,750
150	Rio Tinto plc, ADR	Apr. 13/52.50	99,450
772	Rockwood Holdings Inc	Feb. 13/45	389,860
193	Rockwood Holdings Inc	Feb. 13/50	31,845
350	Royal Gold Inc	Jan. 13/85	35,000
475	Schlumberger Ltd	Jan. 13/75	6,650
225	Schlumberger Ltd	Feb. 13/70	40,275
250	Schlumberger Ltd	Feb. 13/72.50	32,000
947	Suncor Energy Inc	Jan. 13/35	13,258
1,000	Suncor Energy Inc	Mar. 13/36	47,000
300	Tahoe Resources Inc.(i)	Apr. 13/21	28,652
300	Teck Resources Ltd., Cl. B	Jan. 13/33	106,500
141	The Dow Chemical Co	Jan. 13/30	35,955
650	The Dow Chemical Co	Feb. 13/31	140,075
580	The Dow Chemical Co	Mar. 13/31	142,390
910	The Mosaic Co	Jan. 13/62.50	15,470
150	The Mosaic Co	Mar. 13/47.50	144,000
200	The Mosaic Co	Mar. 13/57.50	43,400
500	Total SA, ADR	Jan. 13/50	118,750
930	Total SA, ADR	Feb. 13/50	262,725
250	Transocean Ltd	Jan. 13/50	1,750
1,300	Trina Solar Ltd., ADR	Jan. 13/6	6,500
65	Tullow Oil plc(h)	Jun. 13/1400	43,820
6,700	USEC Inc	Apr. 13/1	50,250
1,800	Vale SA, ADR	Mar. 13/20	289,800
2,700	Weatherford International Ltd	Feb. 13/13	56,700
1,500	Yamana Gold Inc	Jan. 13/19	10,500
1,500	Yamana Gold Inc	Apr. 13/17	215,250
Number of Contracts		Expiration Date/	Market Value

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		Exercise Price	
1,000	Yamana Gold Inc	Apr. 13/19	\$ 60,000
TOTAL OPTIONS CONTRACTS WRITTEN (Premiums received \$10,695,860)			\$ 9,260,206

- (a) Securities, or a portion thereof, with a value of \$139,798,387 were deposited with the broker as collateral for options written.
- (b) Security fair valued under procedures established by the Board of Trustees. The procedures may include reviewing available financial information about the company and reviewing the valuation of comparable securities and other factors on a regular basis. At December 31, 2012, the market value of fair valued securities amounted to \$ 5,548,350 or 1.84% of total investments.
- (c) At December 31, 2012, the Fund held an investment in a restricted security amounting to \$0 or 0.00% of total investments, which was valued under methods approved by the Board of Trustees as follows:

Acquisition Shares	Issuer	Acquisition Date	Acquisition Cost	12/31/12 Carrying Value Per Unit
20,000	Duluth Metals Ltd., expire 01/18/13	08/19/11	\$ 0	\$ 0.00

- (d) Illiquid security.
 - (e) At December 31, 2012, \$6,500,000 of the principal amount was pledged as collateral for options written.
 - (f) At December 31, 2012, the Fund had entered into over-the-counter Option Contracts Written with Pershing LLC and Morgan Stanley.
 - (g) Exercise price denoted in Euros.
 - (h) Exercise price denoted in British pence.
 - (i) Exercise price denoted in Canadian dollars.
- Non-income producing security.
Represents annualized yield at date of purchase.

ADR American Depositary Receipt

See accompanying notes to financial statements.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Schedule of Investments (Continued) December 31, 2012

Geographic Diversification	% of Total Investments	Market Value
Long Positions		
North America	69.7%	\$ 210,719,846
Europe	16.9	51,131,533
South Africa	5.7	17,306,476
Latin America	4.2	12,695,700
Asia/Pacific	3.5	10,485,736
Total Investments	100.0%	\$ 302,339,291
Short Positions		
North America	(2.9)%	\$ (8,577,847)
Europe	(0.2)	(675,859)
Latin America	(0.0)	(6,500)
Total Investments	(3.1)%	\$ (9,260,206)

See accompanying notes to financial statements.

GAMCO Natural Resources, Gold & Income Trust by Gabelli
Statement of Assets and Liabilities**December 31, 2012**

Assets:	
Investments, at value (cost \$383,083,827)	\$ 302,339,291
Foreign currency, at value (cost \$6,275,877)	6,280,769
Deposit at brokers	510,213
Dividends and interest receivable	212,243
Deferred offering expense	27,280
Prepaid expenses	8,003
Total Assets	309,377,799
Liabilities:	
Call options written (premiums received \$10,695,860)	9,260,206
Payable to custodian	28,317
Payable for investments purchased	8,707,610
Payable for investment advisory fees	244,190
Payable for payroll expenses	48,133
Payable for accounting fees	3,750
Other accrued expenses	121,471
Total Liabilities	18,413,677
Net Assets	
(applicable to 20,893,043 shares outstanding)	\$ 290,964,122
Net Assets Consist of:	
Paid-in capital	\$ 379,836,309
Distributions in excess of net investment income	(51,195)
Accumulated net realized loss on investments, written options, and foreign currency transactions	(9,516,544)
Net unrealized depreciation on investments	(80,744,536)
Net unrealized appreciation on written options	1,435,654
Net unrealized appreciation on foreign currency translations	4,434
Net Assets	\$ 290,964,122
Net Asset Value per Common Share:	
(\$290,964,122 ÷ 20,893,043 shares outstanding at \$0.001 par value; unlimited number of shares authorized)	\$ 13.93

Statement of Operations**For the Year Ended December 31, 2012**

Investment Income:	
Dividends (net of foreign withholding taxes of \$503,101)	\$ 5,772,980
Interest	8,363
Total Investment Income	5,781,343

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Expenses:	
Investment advisory fees	3,016,979
Shareholder communications expenses	110,700
Payroll expenses	109,236
Trustees fees	82,300
Legal and audit fees	51,403
Accounting fees	45,000
Custodian fees	28,649
Shareholder services fees	4,439
Interest expense	488
Miscellaneous expenses	72,196
Total Expenses	3,521,390
Net Investment Income	2,259,953
Net Realized and Unrealized Gain/(Loss) on Investments, Written Options, and Foreign Currency:	
Net realized loss on investments	(5,561,636)
Net realized gain on written options	18,700,459
Net realized loss on foreign currency transactions	(1,429)
Net realized gain on investments, written options, and foreign currency transactions	13,137,394
Net change in unrealized appreciation/depreciation:	
on investments	(575,699)
on written options	(3,565,562)
on foreign currency translations	4,673
Net change in unrealized appreciation/depreciation on investments, written options, and foreign currency translations	(4,136,588)
Net Realized and Unrealized Gain/(Loss) on Investments, Written Options, and Foreign Currency	9,000,806
Net Increase in Net Assets Resulting from Operations	\$ 11,260,759

See accompanying notes to financial statements.

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Statement of Changes in Net Assets**

	Year Ended December 31, 2012	Year Ended December 31, 2011(a)
Operations:		
Net investment income	\$ 2,259,953	\$ 340,447
Net realized gain on investments, written options, and foreign currency transactions	13,137,394	18,308,515
Net change in unrealized depreciation on investments, written options, and foreign currency translations	(4,136,588)	(75,167,860)
Net Increase/(Decrease) in Net Assets Resulting from Operations	11,260,759	(56,518,898)
Distributions to Common Shareholders:		
Net investment income	(2,131,170)	(990,584)
Net realized short-term gain	(21,741,383)	(17,836,929)
Net realized long-term gain	(913,982)	
Return of capital	(10,093,047)	(7,129,203)
Total Distributions to Common Shareholders	(34,879,582)	(25,956,716)
Fund Share Transactions:		
Net increase in net assets from common shares issued in offering		391,818,298
Net increase in net assets from common shares issued upon reinvestment of distributions	3,806,325	2,254,289
Offering costs for common shares charged to paid-in capital		(820,353)
Net Increase in Net Assets from Fund Share Transactions	3,806,325	393,252,234
Net Increase/(Decrease) in Net Assets Attributable to Common Shareholders	(19,812,498)	310,776,620
Net Assets Attributable to Common Shareholders:		
Beginning of period	310,776,620	
End of period (including undistributed net investment income of \$0 and \$0, respectively)	\$290,964,122	\$310,776,620

(a) The Fund commenced investment operations on January 27, 2011.

See accompanying notes to financial statements.

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Financial Highlights****Selected data for a share of beneficial interest outstanding throughout each period:**

	Year Ended December 31, 2012	Period Ended December 31, 2011(a)
Operating Performance:		
Net asset value, beginning of period	\$ 15.06	\$ 19.06(b)
Net investment income	0.11	0.02
Net realized and unrealized loss on investments, written options, and foreign currency transactions.	0.44	(2.76)
Total from investment operations	0.55	(2.74)
Distributions to Common Shareholders:		
Net investment income	(0.10)	(0.05)
Net realized short-term gains	(1.05)	(0.86)
Net realized long-term gains.	(0.04)	
Return of capital	(0.49)	(0.35)
Total distributions to common shareholders	(1.68)	(1.26)
Fund Share Transactions:		
Increase in net asset value from common share transactions	0.00(c)	0.00(c)
Net Asset Value, End of Period	\$ 13.93	\$ 15.06
NAV total return	3.90%	(15.00)%*
Market value, end of period	\$13.69	\$ 13.44
Investment total return	14.25%	(27.46)%**
Ratios to Average Net Assets and Supplemental Data:		
Net assets, end of period (in 000 \$)	\$290,964	\$310,777
Ratio of net investment income to average net assets	0.75%	0.10%(d)
Ratio of operating expenses to average net assets	1.17%	1.17%(d)
Portfolio turnover rate	51.64%	37.5%

Based on net asset value per share, adjusted for reinvestment of distributions at the net asset value per share on the ex-dividend dates.

Based on market value per share, adjusted for reinvestment of distributions at prices determined under the Fund's dividend reinvestment plan.
Not Annualized.

* Based on net asset value per share at commencement of operations of \$19.06 per share, adjusted for reinvestment of distributions at the net asset value per share on the ex-dividend dates.

** Based on market value per share at initial public offering of \$20.00 per share, adjusted for reinvestment of distributions at prices determined under the Fund's dividend reinvestment plan.

(a) The Fund commenced investment operations on January 27, 2011.

(b) The beginning of period NAV reflects a \$0.04 reduction of costs associated with the initial public offering.

(c) Amount represents less than \$0.005 per share.

(d) Annualized.

See accompanying notes to financial statements.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Notes to Financial Statements

1. Organization. Effective December 1, 2011, The Gabelli Natural Resources, Gold & Income Trust changed its name to GAMCO Natural Resources, Gold & Income Trust by Gabelli (the Fund). The Fund is a non-diversified closed-end management investment company organized as a Delaware statutory trust on June 26, 2008 and registered under the Investment Company Act of 1940, as amended (the 1940 Act). Investment operations commenced on January 27, 2011.

The Fund's primary investment objective is to provide a high level of current income from interest, dividends, and option premiums. The Fund's secondary investment objective is to seek capital appreciation consistent with the Fund's strategy and its primary objective. The Fund will attempt to achieve its objectives, under normal market conditions, by investing at least 80% of its assets in equity securities of companies principally engaged in the natural resources and gold industries. As part of its investment strategy, the Fund intends to generate current income from short-term gains through an option strategy of writing (selling) covered call options of the equity securities in its portfolio. The Fund may invest in the securities of companies located anywhere in the world.

2. Significant Accounting Policies. The Fund's financial statements are prepared in accordance with U.S. Generally Accepted Accounting Principles (GAAP), which may require the use of management estimates and assumptions. Actual results could differ from those estimates. The following is a summary of significant accounting policies followed by the Fund in the preparation of its financial statements.

Security Valuation. Portfolio securities listed or traded on a nationally recognized securities exchange or traded in the U.S. over-the-counter market for which market quotations are readily available are valued at the last quoted sale price or a market's official closing price as of the close of business on the day the securities are being valued. If there were no sales that day, the security is valued at the average of the closing bid and asked prices or, if there were no asked prices quoted on that day, then the security is valued at the closing bid price on that day. If no bid or asked prices are quoted on such day, the security is valued at the most recently available price or, if the Board of Trustees (the Board) so determines, by such other method as the Board shall determine in good faith to reflect its fair market value. Portfolio securities traded on more than one national securities exchange or market are valued according to the broadest and most representative market, as determined by Gabelli Funds, LLC (the Adviser).

Portfolio securities primarily traded on a foreign market are generally valued at the preceding closing values of such securities on the relevant market, but may be fair valued pursuant to procedures established by the Board if market conditions change significantly after the close of the foreign market, but prior to the close of business on the day the securities are being valued. Debt instruments with remaining maturities of sixty days or less that are not credit impaired are valued at amortized cost, unless the Board determines such amount does not reflect the securities' fair value, in which case these securities will be fair valued as determined by the Board. Debt instruments having a maturity greater than sixty days for which market quotations are readily available are valued at the average of the latest bid and asked prices. If there were no asked prices quoted on such day, the security is valued using the closing bid price. U.S. government obligations with maturities greater than sixty days are normally valued using a model that incorporates market observable data such as reported sales of similar securities, broker quotes, yields, bids, offers, and reference data. Certain securities are valued principally using dealer quotations.

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Notes to Financial Statements (Continued)**

Securities and assets for which market quotations are not readily available are fair valued as determined by the Board. Fair valuation methodologies and procedures may include, but are not limited to: analysis and review of available financial and non-financial information about the company; comparisons with the valuation and changes in valuation of similar securities, including a comparison of foreign securities with the equivalent U.S. dollar value ADR securities at the close of the U.S. exchange; and evaluation of any other information that could be indicative of the value of the security.

The inputs and valuation techniques used to measure fair value of the Fund's investments are summarized into three levels as described in the hierarchy below:

Level 1 quoted prices in active markets for identical securities;

Level 2 other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.); and

Level 3 significant unobservable inputs (including the Fund's determinations as to the fair value of investments).

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input both individually and in the aggregate that is significant to the fair value measurement. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. The summary of the Fund's investments in securities and other financial instruments by inputs used to value the Fund's investments as of December 31, 2012 is as follows:

	Valuation Inputs			Total Market Value
	Level 1 Quoted Prices	Level 2 Other Significant Observable Inputs	Level 3 Other Significant Unobservable Inputs	at 12/31/12
INVESTMENTS IN SECURITIES:				
ASSETS (Market Value):				
Common Stocks:				
Metals and Mining	\$127,347,719	\$ 5,548,350		\$132,896,069
Other Industries (a)	155,535,291			155,535,291
Total Common Stocks	282,883,010	5,548,350		288,431,360
Warrants:				
Metals and Mining			\$ 0	0
U.S. Government Obligations		13,907,931		13,907,931
TOTAL INVESTMENTS IN SECURITIES				
ASSETS	\$282,883,010	\$19,456,281	\$ 0	\$302,339,291
INVESTMENT IN SECURITIES:				
LIABILITIES (Market Value):				
EQUITY CONTRACTS:				
Call Options Written	\$(4,527,487)	\$(4,732,719)	\$	\$ (9,260,206)

(a) Please refer to the Schedule of Investments for the industry classifications of these portfolio holdings.

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The Fund did not have transfers between Level 1 and Level 2 during the year ended December 31, 2012. The Fund's policy is to recognize transfers among Levels as of the beginning of the reporting period.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Notes to Financial Statements (Continued)

Additional Information to Evaluate Qualitative Information.

General. The Fund uses recognized industry pricing services approved by the Board and unaffiliated with the Adviser to value most of its securities, and uses broker quotes provided by market makers of securities not valued by these and other recognized pricing sources. Several different pricing feeds are received to value domestic equity securities, international equity securities, preferred equity securities, and fixed income securities. The data within these feeds is ultimately sourced from major stock exchanges and trading systems where these securities trade. The prices supplied by external sources are checked by obtaining quotations or actual transaction prices from market participants. If a price obtained from the pricing source is deemed unreliable, prices will be sought from another pricing service or from a broker/dealer that trades that security or similar securities.

Fair Valuation. Fair valued securities may be common and preferred equities, warrants, options, rights, and fixed income obligations. Where appropriate, Level 3 securities are those for which market quotations are not available, such as securities not traded for several days, or for which current bids are not available, or which are restricted as to transfer. Among the factors to be considered to fair value a security are recent prices of comparable securities that are publicly traded, reliable prices of securities not publicly traded, the use of valuation models, current analyst reports, valuing the income or cash flow of the issuer, or cost if the preceding factors do not apply. The circumstances of Level 3 securities are frequently monitored to determine if fair valuation measures continue to apply.

The Adviser reports quarterly to the Board the results of the application of fair valuation policies and procedures. These include back testing the prices realized in subsequent trades of these fair valued securities to fair values previously recognized.

Derivative Financial Instruments. The Fund may engage in various portfolio investment strategies by investing in a number of derivative financial instruments for the purposes of increasing the income of the Fund, hedging against changes in the value of its portfolio securities and in the value of securities it intends to purchase, or hedging against a specific transaction with respect to either the currency in which the transaction is denominated or another currency. Investing in certain derivative financial instruments, including participation in the options, futures, or swap markets, entails certain execution, liquidity, hedging, tax, and securities, interest, credit, or currency market risks. Losses may arise if the Adviser's prediction of movements in the direction of the securities, foreign currency, and interest rate markets is inaccurate. Losses may also arise if the counterparty does not perform its duties under a contract, or that, in the event of default, the Fund may be delayed in or prevented from obtaining payments or other contractual remedies owed to it under derivative contracts. The creditworthiness of the counterparties is closely monitored in order to minimize these risks. Participation in derivative transactions involves investment risks, transaction costs, and potential losses to which the Fund would not be subject absent the use of these strategies. The consequences of these risks, transaction costs, and losses may have a negative impact on the Fund's ability to pay distributions.

The Fund's derivative contracts held at December 31, 2012, if any, are not accounted for as hedging instruments under GAAP and are disclosed in the Schedule of Investments together with the related counterparty.

Swap Agreements. The Fund may enter into equity contract for difference swap transactions for the purpose of increasing the income of the Fund. The use of swaps is a highly specialized activity that involves investment techniques and risks different from those associated with ordinary portfolio security transactions. In an equity

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Notes to Financial Statements (Continued)

contract for difference swap, a set of future cash flows is exchanged between two counterparties. One of these cash flow streams will typically be based on a reference interest rate combined with the performance of a notional value of shares of a stock. The other will be based on the performance of the shares of a stock. Depending on the general state of short-term interest rates and the returns on the Fund's portfolio securities at the time an equity contract for difference swap transaction reaches its scheduled termination date, there is a risk that the Fund will not be able to obtain a replacement transaction or that the terms of the replacement will not be as favorable as on the expiring transaction.

Unrealized gains related to swaps are reported as an asset and unrealized losses are reported as a liability in the Statement of Assets and Liabilities. The change in value of swaps, including the accrual of periodic amounts of interest to be received or paid on swaps, is reported as unrealized gain or loss in the Statement of Operations. A realized gain or loss is recorded upon receipt or payment of a periodic payment or termination of swap agreements. During the year ended December 31, 2012, the Fund held no investments in equity contract for difference swap agreements.

Options. The Fund may purchase or write call or put options on securities or indices for the purpose of increasing the income of the Fund. The Fund primarily writes covered call or put options. As a writer of put options, the Fund receives a premium at the outset and then bears the risk of unfavorable changes in the price of the financial instrument underlying the option. The Fund would incur a loss if the price of the underlying financial instrument decreases between the date the option is written and the date on which the option is terminated. The Fund would realize a gain, to the extent of the premium, if the price of the financial instrument increases between those dates. If a written call option is exercised, the premium is added to the proceeds from the sale of the underlying security in determining whether there has been a realized gain or loss. If a written put option is exercised, the premium reduces the cost basis of the security.

As a purchaser of put options, the Fund pays a premium for the right to sell to the seller of the put option the underlying security at a specified price. The seller of the put has the obligation to purchase the underlying security upon exercise at the exercise price. If the price of the underlying security declines, the Fund would realize a gain upon sale or exercise. If the price of the underlying security increases or stays the same, the Fund would realize a loss upon sale or at the expiration date, but only to the extent of the premium paid.

In the case of call options, these exercise prices are referred to as in-the-money, at-the-money, and out-of-the-money, respectively. The Fund may write (a) in-the-money call options when the Adviser expects that the price of the underlying security will remain stable or decline during the option period, (b) at-the-money call options when the Adviser expects that the price of the underlying security will remain stable, decline, or advance moderately during the option period, and (c) out-of-the-money call options when the Adviser expects that the premiums received from writing the call option will be greater than the appreciation in the price of the underlying security above the exercise price. By writing a call option, the Fund limits its opportunity to profit from any increase in the market value of the underlying security above the exercise price of the option. Out-of-the-money, at-the-money, and in-the-money put options (the reverse of call options as to the relation of exercise price to market price) may be utilized in the same market environments that such call options are used in equivalent transactions. Option positions at December 31, 2012 are reflected within the Schedule of Investments.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Notes to Financial Statements (Continued)

The Fund's volume of activity in equity options contracts during the year ended December 31, 2012 had an average monthly market value of approximately \$9,517,042. Please refer to Note 4 for option activity during the year ended December 31, 2012.

As of December 31, 2012, the value of equity option positions can be found in the Statement of Assets and Liabilities under Liabilities, Call options written. For the year ended December 31, 2012, the effect of equity option positions can be found in the Statement of Operations under Net Realized and Unrealized Gain/(Loss) on Investments, Written Options, and Foreign Currency, Net realized gain on written options and Net change in unrealized appreciation/depreciation on written options.

Limitations on the Purchase and Sale of Futures Contracts, Certain Options, and Swaps. Subject to the guidelines of the Board, the Fund may engage in commodity interest transactions (generally, transactions in futures, certain options, certain currency transactions, and certain types of swaps) only for bona fide hedging or other permissible transactions in accordance with the rules and regulations of the Commodity Futures Trading Commission (CFTC). Pursuant to amendments by the CFTC to Rule 4.5 under the Commodity Exchange Act (CEA), the Adviser has filed a notice of exemption from registration as a commodity pool operator with respect to the Fund. The Fund and the Adviser are therefore not subject to registration or regulation as a commodity pool operator under the CEA. Due to the recent amendments to Rule 4.5 under the CEA, certain trading restrictions are now applicable to the Fund as of January 1, 2013. These trading restrictions permit the Fund to engage in commodity interest transactions that include (i) bona fide hedging transactions, as that term is defined and interpreted by the CFTC and its staff, without regard to the percentage of the Fund's assets committed to margin and options premiums and (ii) non-bona fide hedging transactions, provided that the Fund does not enter into such non-bona fide hedging transactions if, immediately thereafter, either (a) the sum of the amount of initial margin deposits on the Fund's existing futures positions or swaps positions and option or swaption premiums would exceed 5% of the market value of the Fund's liquidating value, after taking into account unrealized profits and unrealized losses on any such transactions, or (b) the aggregate net notional value of the Fund's commodity interest transactions would not exceed 100% of the market value of the Fund's liquidating value, after taking into account unrealized profits and unrealized losses on any such transactions. Therefore, in order to claim the Rule 4.5 exemption, the Fund is limited in its ability to invest in commodity futures, options, and certain types of swaps (including securities futures, broad based stock index futures, and financial futures contracts). As a result, in the future, the Fund will be more limited in its ability to use these instruments than in the past, and these limitations may have a negative impact on the ability of the Adviser to manage the Fund, and on the Fund's performance.

Securities Sold Short. The Fund may enter into short sale transactions. Short selling involves selling securities that may or may not be owned and, at times, borrowing the same securities for delivery to the purchaser, with an obligation to replace such borrowed securities at a later date. The proceeds received from short sales are recorded as liabilities and the Fund records an unrealized gain or loss to the extent of the difference between the proceeds received and the value of an open short position on the day of determination. The Fund records a realized gain or loss when the short position is closed out. By entering into a short sale, the Fund bears the market risk of an unfavorable change in the price of the security sold short. Dividends on short sales are recorded as an expense by the Fund on the ex-dividend date and interest expense is recorded on the accrual basis.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Notes to Financial Statements (Continued)

The broker retains collateral for the value of the open positions, which is adjusted periodically as the value of the position fluctuates. At December 31, 2012, there were no short sales outstanding.

Foreign Currency Translations. The books and records of the Fund are maintained in U.S. dollars. Foreign currencies, investments, and other assets and liabilities are translated into U.S. dollars at current exchange rates. Purchases and sales of investment securities, income, and expenses are translated at the exchange rate prevailing on the respective dates of such transactions. Unrealized gains and losses that result from changes in foreign exchange rates and/or changes in market prices of securities have been included in unrealized appreciation/depreciation on investments and foreign currency translations. Net realized foreign currency gains and losses resulting from changes in exchange rates include foreign currency gains and losses between trade date and settlement date on investment securities transactions, foreign currency transactions, and the difference between the amounts of interest and dividends recorded on the books of the Fund and the amounts actually received. The portion of foreign currency gains and losses related to fluctuation in exchange rates between the initial purchase trade date and subsequent sale trade date is included in realized gain/(loss) on investments.

Foreign Securities. The Fund may directly purchase securities of foreign issuers. Investing in securities of foreign issuers involves special risks not typically associated with investing in securities of U.S. issuers. The risks include possible revaluation of currencies, the inability to repatriate funds, less complete financial information about companies, and possible future adverse political and economic developments. Moreover, securities of many foreign issuers and their markets may be less liquid and their prices more volatile than securities of comparable U.S. issuers.

Foreign Taxes. The Fund may be subject to foreign taxes on income, gains on investments, or currency repatriation, a portion of which may be recoverable. The Fund will accrue such taxes and recoveries as applicable, based upon its current interpretation of tax rules and regulations that exist in the markets in which it invests.

Securities Transactions and Investment Income. Securities transactions are accounted for on the trade date with realized gain or loss on investments determined by using the identified cost method. Interest income (including amortization of premium and accretion of discount) is recorded on the accrual basis. Premiums and discounts on debt securities are amortized using the effective yield to maturity method. Dividend income is recorded on the ex-dividend date, except for certain dividends from foreign securities that are recorded as soon after the ex-dividend date as the Fund becomes aware of such dividends.

Custodian Fee Credits and Interest Expense. When cash balances are maintained in the custody account, the Fund receives credits which are used to offset custodian fees. The gross expenses paid under the custody arrangement are included in custodian fees in the Statement of Operations with the corresponding expense offset, if any, shown as Custodian fee credits. When cash balances are overdrawn, the Fund is charged an overdraft fee equal to 110% of the 90 day Treasury Bill rate on outstanding balances. This amount, if any, would be included in the Statement of Operations.

Distributions to Shareholders. Distributions to common shareholders are recorded on the ex-dividend date. Distributions to shareholders are based on income and capital gains as determined in accordance with federal income tax regulations, which may differ from income and capital gains as determined under GAAP. These differences are primarily due to differing treatments of income and gains on various investment securities and foreign currency transactions held by the Fund, timing differences, and differing characterizations of distributions

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Notes to Financial Statements (Continued)**

made by the Fund. Distributions from net investment income for federal income tax purposes include net realized gains on foreign currency transactions. These book/tax differences are either temporary or permanent in nature. To the extent these differences are permanent, adjustments are made to the appropriate capital accounts in the period when the differences arise. Permanent differences are primarily due to tax treatment of currency gains and losses. These reclassifications have no impact on the NAV of the Fund. For the year ended December 31, 2012, reclassifications were made to increase distributions in excess of net investment income by \$1,427 and decrease accumulated net realized loss on investments, written options, and foreign currency transactions by \$1,427.

The tax character of distributions paid during the year ended December 31, 2012 and the period ended December 31, 2011 was as follows:

	Year Ended December 31, 2012	Period Ended December 31, 2011
Distributions paid from:		
Ordinary income (inclusive of short-term capital gains)	\$23,872,553	\$18,827,513
Net long-term capital gains	913,982	
Return of capital	10,093,047	7,129,203
Total distributions paid	\$34,879,582	\$25,956,716

Provision for Income Taxes. The Fund intends to continue to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code of 1986, as amended (the Code). It is the policy of the Fund to comply with the requirements of the Code applicable to regulated investment companies and to distribute substantially all of its net investment company taxable income and net capital gains. Therefore, no provision for federal income taxes is required.

As of December 31, 2012, the components of accumulated earnings/losses on a tax basis were as follows:

Net unrealized depreciation on investments, written options, and foreign currency translations	\$ (84,833,465)
Qualified late year loss deferral*	(4,038,722)
Total	\$ (88,872,187)

* Under the current law, qualified late year losses realized after October 31 and prior to the Fund's year end may be elected as occurring on the first day of the following year. For the year ended December 31, 2012, the Fund elected to defer \$4,038,722 of late year long-term capital losses.

Under the Regulated Investment Company Modernization Act of 2010, the Fund is permitted to carry forward for an unlimited period capital losses incurred. As a result of the rule, post-enactment capital losses that are carried forward will retain their character as either short-term or long-term capital losses rather than being considered all short-term as under previous law

At December 31, 2012, the differences between book basis and tax basis unrealized appreciation/depreciation were primarily due to deferral of losses from wash sales for federal tax purposes, mark-to-market adjustments on passive foreign investment companies, and outstanding straddle losses.

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Notes to Financial Statements (Continued)**

The following summarizes the tax cost of investments, written options, and the related net unrealized appreciation/depreciation at December 31, 2012:

	Cost/ Premiums	Gross Unrealized Appreciation	Gross Unrealized Depreciation	Net Unrealized Appreciation/ Depreciation
Investments	\$ 388,612,841	\$ 3,951,010	\$ (90,224,560)	\$ (86,273,550)
Written options	(10,695,860)	3,952,336	(2,516,682)	1,435,654
		\$ 7,903,346	\$ (92,741,242)	\$ (84,837,896)

The Fund is required to evaluate tax positions expected to be taken in the course of preparing the Fund's tax returns to determine whether the tax positions are more-likely-than-not of being sustained by the applicable tax authority. Income tax and related interest and penalties would be recognized by the Fund as tax expense in the Statement of Operations if the tax positions were deemed not to meet the more-likely-than-not threshold. For the year ended December 31, 2012, the Fund did not incur any income tax, interest, or penalties. As of December 31, 2012, the Adviser has reviewed all open tax years and concluded that there was no impact to the Fund's net assets or results of operations. The tax years ended December 31, 2011 through December 31, 2012 remain subject to examination by the Internal Revenue Service and state taxing authorities. On an ongoing basis, the Adviser will monitor the Fund's tax positions to determine if adjustments to this conclusion are necessary.

3. Agreements and Transactions with Affiliates. The Fund has entered into an investment advisory agreement (the "Advisory Agreement") with the Adviser which provides that the Fund will pay the Adviser a fee, computed weekly and paid monthly, equal on an annual basis to 1.00% of the value of the Fund's average weekly net assets. In accordance with the Advisory Agreement, the Adviser provides a continuous investment program for the Fund's portfolio and oversees the administration of all aspects of the Fund's business and affairs.

The cost of calculating the Fund's NAV per share is a Fund expense pursuant to the Advisory Agreement between the Fund and the Adviser. During the year ended December 31, 2012, the Fund paid or accrued \$45,000 to the Adviser in connection with the cost of computing the Fund's NAV.

As per the approval of the Board, the Fund compensates officers of the Fund, who are employed by the Fund and are not employed by the Adviser (although the officers may receive incentive based variable compensation from affiliates of the Adviser). For the year ended December 31, 2012, the Fund paid or accrued \$109,236 in payroll expenses in the Statement of Operations.

The Fund pays each Trustee who is not considered an affiliated person an annual retainer of \$3,000 plus \$1,000 for each Board meeting attended. Each Trustee is reimbursed by the Fund for any out of pocket expenses incurred in attending meetings. All Board committee members receive \$500 per meeting attended, the Audit Committee Chairman receives an annual fee of \$3,000, the Nominating Committee Chairman and the Lead Trustee each receive an annual fee of \$2,000. A Trustee may receive a single meeting fee, allocated among the participating funds, for participation in certain meetings held on behalf of multiple funds. Trustees who are directors or employees of the Adviser or an affiliated company receive no compensation or expense reimbursement from the Fund.

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Notes to Financial Statements (Continued)**

4. Portfolio Securities. Purchases and sales of securities during the year ended December 31, 2012, other than short-term securities and U.S. Government obligations, aggregated \$156,327,969 and \$162,910,927, respectively.

Written options activity for the Fund for the year ended December 31, 2012 was as follows:

	Number of Contracts	Premiums
Options outstanding at December 31, 2011	77,605	\$ 10,458,567
Options written	1,836,884	39,315,423
Options repurchased.	(107,771)	(14,552,713)
Options expired	(927,400)	(17,497,176)
Options exercised	(784,335)	(7,028,241)
Options outstanding at December 31, 2012	94,983	\$ 10,695,860

5. Capital. The Fund is authorized to issue an unlimited number of common shares of beneficial interest (par value \$0.001). The Board has authorized the repurchase of its shares in the open market when the shares are trading at a discount of 10.0% or more (or such other percentage as the Board may determine from time to time) from the NAV of the shares. During the year ended December 31, 2012 and the period ended December 31, 2011, the Fund did not repurchase any shares of beneficial interest.

Transactions in shares of beneficial interest were as follows:

	Year Ended December 31, 2012		Period Ended December 31, 2011	
	Shares	Amount	Shares	Amount
Shares issued in offering			20,514,047	\$ 391,818,298
Shares issued upon reinvestment of distributions	259,149	\$ 3,806,325	119,847	2,254,289
Net increase	259,149	\$ 3,806,325	20,633,894	\$ 394,072,587

6. Indemnifications. The Fund enters into contracts that contain a variety of indemnifications. The Fund's maximum exposure under these arrangements is unknown. However, the Fund has not had prior claims or losses pursuant to these contracts. Management has reviewed the Fund's existing contracts and expects the risk of loss to be remote.

7. Other Matters. On April 24, 2008, the Adviser entered into a settlement with the SEC to resolve an inquiry regarding prior frequent trading in shares of the GAMCO Global Growth Fund (the Global Growth Fund) by one investor who was banned from the Global Growth Fund in August 2002. Under the terms of the settlement, the Adviser, without admitting or denying the SEC's findings and allegations, paid \$16 million (which included a \$5 million civil monetary penalty). On the same day, the SEC filed a civil action in the U.S. District Court for the Southern District of New York against the Executive Vice President and Chief Operating Officer of the Adviser, alleging violations of certain federal securities laws arising from the same matter. The officer, who also is an officer of the Global Growth Fund and other funds in the Gabelli/GAMCO complex, including this Fund, denies the allegations and is continuing in his positions with the Adviser and the funds. The settlement by the Adviser did not have, and the resolution of the action against the officer is not expected to have, a material adverse impact on

the Adviser or its ability to fulfill its obligations under the Advisory Agreement.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Notes to Financial Statements (Continued)

8. Subsequent Events. Management has evaluated the impact on the Fund of all subsequent events occurring through the date the financial statements were issued and has determined that there were no subsequent events requiring recognition or disclosure in the financial statements.

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Report of Independent Registered Public Accounting Firm

To the Board of Directors and Shareholders of

GAMCO Natural Resources, Gold & Income Trust by Gabelli:

In our opinion, the accompanying statement of assets and liabilities, including the schedule of investments, and the related statements of operations and of changes in net assets and the financial highlights present fairly, in all material respects, the financial position of GAMCO Natural Resources, Gold & Income Trust by Gabelli (hereafter referred to as the Trust) at December 31, 2012, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period then ended and the financial highlights for each of the periods presented, in conformity with accounting principles generally accepted in the United States of America. These financial statements and financial highlights (hereafter referred to as financial statements) are the responsibility of the Trust s management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these financial statements in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits, which included confirmation of securities at December 31, 2012 by correspondence with the custodian and brokers, provide a reasonable basis for our opinion.

PricewaterhouseCoopers LLP

New York, New York

March 1, 2013

GAMCO Natural Resources, Gold & Income Trust by Gabelli**Additional Fund Information (Unaudited)**

The business and affairs of the Fund are managed under the direction of the Fund's Board of Trustees. Information pertaining to the Trustees and officers of the Fund is set forth below. The Fund's Statement of Additional Information includes additional information about the Fund's Trustees and is available without charge, upon request, by calling 800-GABELLI (800-422-3554) or by writing to GAMCO Natural Resources, Gold & Income Trust by Gabelli at One Corporate Center, Rye, NY 10580-1422.

Name, Position(s)	Term of Office	Number of Funds	Principal Occupation(s)	Other Directorships
Address¹	and Length of	in Fund Complex	During Past Five Years	Held by Director⁴
and Age	Time Served²	Overseen by Trustee		
<u>INDEPENDENT TRUSTEES³:</u>				
Anthony J. Colavita	Since 2008***	35	President of the law firm of Anthony J. Colavita, P.C.	
Trustee				
Age: 77				
James P. Conn	Since 2008**	19	Former Managing Director and Chief Investment Officer of Financial Security Assurance Holdings Ltd. (insurance holding company) (1996-1998)	Director of First Republic Bank (banking) through January 2008
Trustee				
Age: 74				
Mario d Urso	Since 2008*	5	Chairman of Mittel Capital Markets S.p.A. (2001-2008); Senator in the Italian Parliament (1996-2001)	
Trustee				
Age: 72				
Vincent D. Enright	Since 2008**	17	Former Senior Vice President and Chief Financial Officer of KeySpan Corporation (public utility) (1994-1998)	Director of Echo Therapeutics, Inc. (therapeutics and diagnostics); Director of the LGL Group, Inc. and Director of Apton Corporation (pharmaceuticals) until September 2006
Trustee				
Age: 69				
Frank J. Fahrenkopf, Jr.	Since 2008***	7	President and Chief Executive Officer of the American Gaming Association; Co-Chairman of the Commission on Presidential Debates; Former Chairman of the Republican National Committee (1983-1989)	Director of First Republic Bank (banking)
Trustee				
Age: 73				
William F. Heitmann	Since 2011***	3	Senior Vice President of Finance, Verizon Communications, and President, Verizon Investment Management (1971-2011)	Chairman of Audit Committee Director of DRS Technologies (defense electronic systems)
Trustee				
Age: 63				

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Michael J. Melarkey	Since 2008*	5	Partner in the law firm of Avansino, Melarkey, Knobel, Mulligan, & McKenzie	Director of Southwest Gas Corporation (natural gas utility)
Trustee				
Age: 63				
Kuni Nakamura	Since 2008**	13	President of Advanced Polymer, Inc. (chemical wholesale company)	
Trustee				
Age: 44				
Anthonie C. van Ekris	Since 2008*	20	Chairman of BALMAC International, Inc. (commodities and futures trading)	
Trustee				
Age: 78				
Salvatore J. Zizza	Since 2008***	29	Chairman (since 1978) of Zizza & Associates Corp. (financial consulting); Chairman (since 2005) of Metropolitan Paper Recycling, Inc. (recycling); Chairman (since 2009) of E-Corp English (business services)	Chairman of Harbor BioSciences, Inc. (biotechnology); Director of Trans-Lux Corporation (business services); Chairman of Bion Environmental Technologies (technology)
Trustee				
Age: 67				

GAMCO Natural Resources, Gold & Income Trust by Gabelli

Additional Fund Information (Unaudited)

Name, Position(s)	Term of Office	Principal Occupation(s)
Address¹	and Length of	During Past Five Years
and Age	Time Served²	
OFFICERS:		
Bruce N. Alpert President and Acting Chief Compliance Officer Age: 61	Since 2011 Since November 2011	Executive Vice President and Chief Operating Officer of Gabelli Funds, LLC since 1988; Officer of all of the registered investment companies in the Gabelli/GAMCO Funds Complex; Director of Teton Advisors, Inc. 1998-2012; Chairman of Teton Advisors, Inc. 2008-2010; President of Teton Advisors, Inc. 1998-2008; Senior Vice President of GAMCO Investors, Inc. since 2008
Agnes Mullady Treasurer and Secretary Age: 54	Since 2011	President and Chief Operating Officer of the Open-End Fund Division of Gabelli Funds, LLC since September 2010; Senior Vice President of GAMCO Investors, Inc. since 2009; Vice President of Gabelli Funds, LLC since 2007; Officer of all of the registered investment companies in the Gabelli/GAMCO Funds Complex
Carter W. Austin Vice President Age: 46	Since 2011	Vice President and/or Ombudsman of other closed-end funds within the Gabelli/GAMCO Funds complex; Vice President of Gabelli Funds, LLC since 1996
Molly A.F. Marion Vice President and Ombudsmen Age: 58	Since 2011	Vice President and/or Ombudsman of other closed-end funds within the Gabelli/GAMCO Funds complex
David I. Schachter Vice President and Ombudsman Age: 59	Since 2011	Vice President of the Fund since 2007; Vice President and/or Ombudsman of other closed-end funds within the Gabelli/GAMCO Funds Complex; Vice President of Gabelli & Company, Inc. since 1999

¹ Address: One Corporate Center, Rye, NY 10580-1422, unless otherwise noted.

² The Fund's Board of Trustees is divided into three classes, each class having a term of three years. Each year the term of office of one class expires and the successor or successors elected to such class serve for a three year term. The three year term for each class expires as follows:

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* Term expires at the Fund's 2013 Annual Meeting of Shareholders or until their successors are duly elected and qualified.

** Term expires at the Fund's 2014 Annual Meeting of Shareholders or until their successors are duly elected and qualified.

*** Term expires at the Fund's 2015 Annual Meeting of Shareholders or until their successors are duly elected and qualified.

Each officer will hold office for an indefinite term until the date he or she resigns or retires or until his or her successor is elected and qualified.

3 Trustees who are not interested persons are considered Independent Trustees.

4 This column includes only directorships of companies required to report to the SEC under the Securities Exchange Act of 1934, as amended, i.e., public companies, or other investment companies registered under the 1940 Act.

This Fund intends to generate current income from short-term gains primarily through its strategy of writing (selling) covered call options on the equity securities in its portfolio. Because of its primary strategy the Fund forgoes the opportunity to participate fully in the appreciation of the underlying equity security above the exercise price of the option. It also is subject to the risk of depreciation of the underlying equity security in excess of the premium received.

GAMCO NATURAL RESOURCES, GOLD & INCOME TRUST by Gabelli**INCOME TAX INFORMATION (Unaudited)**

December 31, 2012

Cash Dividends and Distributions

	Payable Date	Record Date	Total Amount					Dividend Reinvestment Price
			Paid Per Share (a)	Ordinary Investment Income (a)	Long-Term Capital Gains (a)	Return of Capital (b)(d)	Foreign Tax Credit (a)	
Common Stock								
	01/24/12	01/16/12	\$0.14000	\$0.10250	\$	\$0.03900	\$(0.00150)	\$15.08550
	02/21/12	02/13/12	0.14000	0.10250		0.03900	(0.00150)	16.55000
	03/21/12	03/14/12	0.14000	0.10250		0.03900	(0.00150)	15.41000
	04/23/12	04/16/12	0.14000	0.10250		0.03900	(0.00150)	14.54000
	05/23/12	05/16/12	0.14000	0.10250		0.03900	(0.00150)	13.60000
	06/22/12	06/15/12	0.14000	0.10250		0.03900	(0.00150)	13.71800
	07/24/12	07/17/12	0.14000	0.10250		0.03900	(0.00150)	13.24000
	08/24/12	08/17/12	0.14000	0.10250		0.03900	(0.00150)	14.63000
	09/21/12	09/14/12	0.14000	0.10250		0.03900	(0.00150)	15.20000
	10/24/12	10/17/12	0.14000	0.10250		0.03900	(0.00150)	15.00050
	11/23/12	11/15/12	0.14000	0.10250		0.03900	(0.00150)	14.29750
	12/20/12	12/14/12	0.14000	0.05810	0.04380	0.03900	(0.00090)	13.53260
			\$1.68000	\$1.18560	\$0.04380	\$0.46800	\$(0.01740)	

A Form 1099-DIV has been mailed to all shareholders of record which sets forth specific amounts to be included in your 2012 tax returns. Ordinary distributions include net investment income, realized net short-term capital gains and foreign tax paid. Ordinary income is reported in box 1a of Form 1099-DIV. Capital gain distributions are reported in box 2a of Form 1099-DIV.

The long-term gain distributions for the fiscal year ended December 31, 2012 were \$913,982, or the maximum amount.

Corporate Dividends Received Deduction, Qualified Dividend Income, and U.S. Government Securities Income

In 2012, the Fund paid to common shareholders ordinary income dividends of \$1.18560 per share. For 2012, 0.00% of the ordinary dividend qualified for the dividend received deduction available to corporations, 1.75% of the ordinary income distribution was deemed qualified dividend income, 0.15% of ordinary income distribution was qualified interest income, and 91.07% of the ordinary income distribution was qualified short-term gain. The percentage of ordinary income dividends paid by the Fund during 2012 derived from U.S. Government securities was 0.01%. Such income is exempt from state and local taxes in all states. However, many states, including New York and California, allow a tax exemption for a portion of the income earned only if a mutual fund has invested at least 50% of its assets at the end of each quarter of its fiscal year in U.S. Government securities. The Fund did not meet this strict requirement in 2012. The percentage of U.S. Government securities held as of December 31, 2012 was 4.6%.

Historical Distribution Summary

	Investment Income (c)	Short-Term Capital Gains (c)	Long-Term Capital Gains	Return of Capital (b)	Foreign Tax Credit(c)	Total Distributions (a)	Adjustment to Cost Basis (d)
Common Shares							
2012	\$0.12030	\$1.04790	\$0.04380	\$0.46800	\$(0.01740)	\$1.66260	\$0.46800
2011	0.04770	0.86670		0.34560		\$1.26000	0.34560

- (a) Total amounts may differ due to rounding.
(b) Non-taxable.
(c) Taxable as ordinary income for Federal tax purposes.
(d) Decrease in cost basis.

All designations are based on financial information available as of the date of this annual report and, accordingly, are subject to change. For each item, it is the intention of the Fund to designate the maximum amount permitted under the Internal Revenue Code and the regulations thereunder.

AUTOMATIC DIVIDEND REINVESTMENT AND VOLUNTARY CASH PURCHASE PLANS

Enrollment in the Plan

It is the policy of GAMCO Natural Resources, Gold & Income Trust by Gabelli to automatically reinvest dividends payable to common shareholders. As a registered shareholder you automatically become a participant in the Fund's Automatic Dividend Reinvestment Plan (the Plan). The Plan authorizes the Fund to credit common shares to participants upon an income dividend or a capital gains distribution regardless of whether the shares are trading at a discount or a premium to net asset value. All distributions to shareholders whose shares are registered in their own names will be automatically reinvested pursuant to the Plan in additional shares of the Fund. Plan participants may send their share certificates to American Stock Transfer (AST) to be held in their dividend reinvestment account. Registered shareholders wishing to receive their distributions in cash must submit this request in writing to:

GAMCO Natural Resources, Gold & Income Trust by Gabelli

c/o American Stock Transfer

6201 15th Avenue

Brooklyn, NY 11219

Shareholders requesting this cash election must include the shareholder's name and address as they appear on the share certificate. Shareholders with additional questions regarding the Plan or requesting a copy of the terms of the Plan, may contact AST at (888) 422-3262.

If your shares are held in the name of a broker, bank, or nominee, you should contact such institution. If such institution is not participating in the Plan, your account will be credited with a cash dividend. In order to participate in the Plan through such institution, it may be necessary for you to have your shares taken out of street name and re-registered in your own name. Once registered in your own name your distributions will be automatically reinvested. Certain brokers participate in the Plan. Shareholders holding shares in street name at participating institutions will have dividends automatically reinvested. Shareholders wishing a cash dividend at such institution must contact their broker to make this change.

The number of common shares distributed to participants in the Plan in lieu of cash dividends is determined in the following manner. Under the Plan, whenever the market price of the Fund's common shares is equal to or exceeds net asset value at the time shares are valued for purposes of determining the number of shares equivalent to the cash dividends or capital gains distribution, participants are issued common shares valued at the greater of (i) the net asset value as most recently determined or (ii) 95% of the then current market price of the Fund's common shares. The valuation date is the dividend or distribution payment date or, if that date is not a NYSE Amex trading day, the next trading day. If the net asset value of the common shares at the time of valuation exceeds the market price of the common shares, participants will receive common shares from the Fund valued at market price. If the Fund should declare a dividend or capital gains distribution payable only in cash, AST will buy common shares in the open market, or on the NYSE Amex, or elsewhere, for the participants' accounts, except that AST will endeavor to terminate purchases in the open market and cause the Fund to issue shares at net asset value if, following the commencement of such purchases, the market value of the common shares exceeds the then current net asset value.

The automatic reinvestment of dividends and capital gains distributions will not relieve participants of any income tax which may be payable on such distributions. A participant in the Plan will be treated for federal income tax purposes as having received, on a dividend payment date, a dividend or distribution in an amount equal to the cash the participant could have received instead of shares.

Voluntary Cash Purchase Plan

The Voluntary Cash Purchase Plan is yet another vehicle for our shareholders to increase their investment in the Fund. In order to participate in the Voluntary Cash Purchase Plan, shareholders must have their shares registered in their own name.

Participants in the Voluntary Cash Purchase Plan have the option of making additional cash payments to AST for investments in the Fund's common shares at the then current market price. Shareholders may send an amount from \$250 to \$10,000. AST will use these funds to purchase shares in the open market on or about the 1st and 15th of each month. AST will charge each shareholder who participates a pro rata share of the brokerage commissions. Brokerage charges for such purchases are expected to be less than the usual brokerage charge for such transactions. It is suggested that any voluntary cash payments be sent to American Stock Transfer, 6201 15th Avenue, Brooklyn, NY 11219 such that AST receives such payments approximately 10 days before the investment date. Funds not received at least five days before the investment date shall be held for investment until the next purchase date. A payment may be withdrawn without charge if notice is received by AST at least 48 hours before such payment is to be invested.

Shareholders wishing to liquidate shares held at AST must do so in writing or by telephone. Please submit your request to the above mentioned address or telephone number. Include in your request your name, address, and account number. The cost to liquidate shares is \$1.00 per transaction as well as the brokerage commission incurred. Brokerage charges are expected to be less than the usual brokerage charge for such transactions.

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For more information regarding the Automatic Dividend Reinvestment Plan and Voluntary Cash Purchase Plan, brochures are available by calling (914) 921-5070 or by writing directly to the Fund.

The Fund reserves the right to amend or terminate the Plan as applied to any voluntary cash payments made and any dividend or distribution paid subsequent to written notice of the change sent to the members of the Plan at least 90 days before the record date for such dividend or distribution. The Plan also may be amended or terminated by AST on at least 90 days written notice to participants in the Plan.

GAMCO NATURAL RESOURCES, GOLD & INCOME TRUST BY GABELLI

AND YOUR PERSONAL PRIVACY

Who are we?

The GAMCO Natural Resources, Gold & Income Trust by Gabelli (the Fund) is a closed-end management investment company registered with the Securities and Exchange Commission under the Investment Company Act of 1940. We are managed by Gabelli Funds, LLC, which is affiliated with GAMCO Investors, Inc. GAMCO Investors, Inc. is a publicly held company that has subsidiaries that provide investment advisory or brokerage services for a variety of clients.

What kind of non-public information do we collect about you if you become a Fund shareholder?

When you purchase shares of the Fund on the New York Stock Exchange, you have the option of registering directly with our transfer agent in order, for example, to participate in our dividend reinvestment plan.

Information you give us on your application form. This could include your name, address, telephone number, social security number, bank account number, and other information.

Information about your transactions with us. This would include information about the shares that you buy or sell; it may also include information about whether you sell or exercise rights that we have issued from time to time. If we hire someone else to provide services like a transfer agent we will also have information about the transactions that you conduct through them.

What information do we disclose and to whom do we disclose it?

We do not disclose any non-public personal information about our customers or former customers to anyone other than our affiliates, our service providers who need to know such information, and as otherwise permitted by law. If you want to find out what the law permits, you can read the privacy rules adopted by the Securities and Exchange Commission. They are in volume 17 of the Code of Federal Regulations, Part 248. The Commission often posts information about its regulations on its website, www.sec.gov.

What do we do to protect your personal information?

We restrict access to non-public personal information about you to the people who need to know that information in order to provide services to you or the Fund and to ensure that we are complying with the laws governing the securities business. We maintain physical, electronic, and procedural safeguards to keep your personal information confidential.

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GAMCO NATURAL RESOURCES, GOLD & INCOME TRUST by Gabelli

One Corporate Center,

Rye, NY 10580-1422

Investment Objective:

The GAMCO Natural Resources, Gold & Income Trust by Gabelli is a non-diversified, closed-end management investment company. The Fund's primary investment objective is to provide a high level of current income from interest, dividends, and option premiums. The Fund's secondary investment objective is to seek capital appreciation consistent with the Fund's strategy and its primary objective.

Stock Exchange Listing

NYSE Symbol:	Common GNT
Shares Outstanding:	20,893,043

We have separated the portfolio manager's commentary from the financial statements and investment portfolio due to corporate governance regulations stipulated by the Sarbanes-Oxley Act of 2002. We have done this to ensure that the content of the portfolio manager's commentary is unrestricted. The financial statements and investment portfolio are mailed separately from the commentary. Both the commentary and the financial statements, including the portfolio of investments, will be available on our website at www.gabelli.com.

The Net Asset Value per share appears in the Publicly Traded Funds column, under the heading "Specialized Equity Funds," in Monday's The Wall Street Journal. It is also listed in Barron's Mutual Funds/Closed End Funds section under the heading "Specialized Equity Funds."

The Net Asset Value per share may be obtained each day by calling (914) 921-5070 or visiting www.gabelli.com.

The NASDAQ symbol for the Net Asset Value is XGNTX.

Notice is hereby given in accordance with Section 23(c) of the Investment Company Act of 1940, as amended, that the Fund may, from time to time, purchase its common shares in the open market when the Fund's shares are trading at a discount of 10% or more from the net asset value of the shares.

GAMCO NATURAL RESOURCES, GOLD

& INCOME TRUST by GABELLI

One Corporate Center,

Rye, NY 10580-1422

t 800-GABELLI (800-422-3554)

f 914-921-5118

e info@gabelli.com

GABELLI.com

TRUSTEES

Anthony J. Colavita
President,
Anthony J. Colavita, P.C.

James P. Conn
Former Managing Director
& Chief Investment Officer,
Financial Security
Assurance Holdings Ltd.

Mario d Urso
Former Italian Senator

Vincent D. Enright
Former Senior Vice
President & Chief Financial
Officer, KeySpan Corp.

Frank J. Fahrenkopf, Jr.
President & Chief
Executive Officer,
American Gaming
Association

William F. Heitmann
Former Senior Vice
President of Finance,
Verizon Communications, Inc.

Michael J. Melarkey
Partner,
Avansino, Melarkey, Knobel,
Mulligan & McKenzie

Kuni Nakamura
President
Advanced Polymer, Inc.

Anthonie C. van Ekris
Chairman, BALMAC

OFFICERS

Bruce N. Alpert
President &
Acting Chief Compliance
Officer

Agnes Mullady
Treasurer & Secretary

Carter W. Austin
Vice President

Molly A.F. Marion
Vice President &
Ombudsman

David I. Schachter
Vice President &
Ombudsman

INVESTMENT ADVISER

Gabelli Funds, LLC
One Corporate Center Rye,
New York 10580-1422

CUSTODIAN

The Bank of New York
Mellon

COUNSEL

Skadden, Arps, Slate,
Meagher & Flom LLP

**TRANSFER AGENT AND
REGISTRAR**

American Stock Transfer
and Trust Company

International, Inc.

Salvatore J. Zizza
*Chairman, Zizza &
Associates Corp.*

GNT Q4/2012

Item 2. Code of Ethics.

- (a) The registrant, as of the end of the period covered by this report, has adopted a code of ethics that applies to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions, regardless of whether these individuals are employed by the registrant or a third party.
- (c) There have been no amendments, during the period covered by this report, to a provision of the code of ethics that applies to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions, regardless of whether these individuals are employed by the registrant or a third party, and that relates to any element of the code of ethics description.
- (d) The registrant has not granted any waivers, including an implicit waiver, from a provision of the code of ethics that applies to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions, regardless of whether these individuals are employed by the registrant or a third party, that relates to one or more of the items set forth in paragraph (b) of this item's instructions.

Item 3. Audit Committee Financial Expert.

As of the end of the period covered by the report, the registrant's Board of Trustees has determined that Salvatore J. Zizza is qualified to serve as an audit committee financial expert serving on its audit committee and that he is independent, as defined by Item 3 of Form N-CSR.

Item 4. Principal Accountant Fees and Services.

Audit Fees

- (a) The aggregate fees billed for each of the last two fiscal years for professional services rendered by the principal accountant for the audit of the registrant's annual financial statements or services that are normally provided by the accountant in connection with statutory and regulatory filings or engagements for those fiscal years are \$34,000 for 2011 and \$34,000 for 2012.

Audit-Related Fees

- (b) The aggregate fees billed in each of the last two fiscal years for assurance and related services by the principal accountant that are reasonably related to the performance of the audit of the registrant's financial statements and are not reported under paragraph (a) of this Item are \$0 for 2011 and \$0 for 2012.

Tax Fees

- (c) The aggregate fees billed in each of the last two fiscal years for professional services rendered by the principal accountant for tax compliance, tax advice, and tax planning are \$44,750 for 2011 and \$44,750 for 2012. Tax fees represent tax compliance services provided in connection with the review of the Registrant's tax returns.

All Other Fees

- (d) The aggregate fees billed in each of the last two fiscal years for products and services provided by the principal accountant, other than the services reported in paragraphs (a) through (c) of this Item are \$0 for 2011 and \$0 for 2012.
- (e)(1) Disclose the audit committee's pre-approval policies and procedures described in paragraph (c)(7) of Rule 2-01 of Regulation S-X.

Pre-Approval Policies and Procedures. The Audit Committee (Committee) of the registrant is responsible for pre-approving (i) all audit and permissible non-audit services to be provided by the independent registered public accounting firm to the registrant and (ii) all permissible non-audit services to be provided by the independent registered public accounting firm to the Adviser, Gabelli Funds, LLC, and any affiliate of Gabelli Funds, LLC (Gabelli) that provides services to the registrant (a Covered Services Provider) if the independent registered public accounting firm's engagement related directly to the operations and financial reporting of the registrant. The Committee may delegate its responsibility to pre-approve any such audit and permissible non-audit services to the Chairperson of the Committee, and the Chairperson must report to the Committee, at its next regularly scheduled meeting after the Chairperson's pre-approval of such services, his or her decision(s). The Committee may also establish detailed pre-approval policies and procedures for pre-approval of such services in accordance with applicable laws, including the delegation of some or all of the Committee's pre-approval responsibilities to the other persons (other than Gabelli or the registrant's officers). Pre-approval by the Committee of any permissible non-audit services is not required so long as: (i) the permissible non-audit services were not recognized by the registrant at the time of the engagement to be non-audit services; and (ii) such services are promptly brought to the attention of the Committee and approved by the Committee or Chairperson prior to the completion of the audit.

- (e)(2) The percentage of services described in each of paragraphs (b) through (d) of this Item that were approved by the audit committee pursuant to paragraph (c)(7)(i)(C) of Rule 2-01 of Regulation S-X are as follows:

(b) N/A

(c) 100%

(d) N/A

- (f) The percentage of hours expended on the principal accountant's engagement to audit the registrant's financial statements for the most recent fiscal year that were attributed to work performed by persons other than the principal accountant's full-time, permanent employees was 0%.

- (g) The aggregate non-audit fees billed by the registrant's accountant for services rendered to the registrant, and rendered to the registrant's investment adviser (not including any sub-adviser whose role is primarily portfolio management and is subcontracted with or overseen by another investment adviser), and any entity controlling, controlled by, or under common control with the adviser that provides ongoing services to the registrant for each of the last two fiscal years of the registrant was \$0 for 2011 and \$0 for 2012.
- (h) The registrant's audit committee of the board of directors has considered whether the provision of non-audit services that were rendered to the registrant's investment adviser (not including any sub-adviser whose role is primarily portfolio management and is subcontracted with or overseen by another investment adviser), and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant that were not pre-approved pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X is compatible with maintaining the principal accountant's independence.

Item 5. Audit Committee of Listed registrants.

The registrant has a separately designated audit committee consisting of the following members: Vincent D. Enright, Frank J. Fahrenkopf, Jr. and Salvatore J. Zizza.

Item 6. Investments.

- (a) Schedule of Investments in securities of unaffiliated issuers as of the close of the reporting period is included as part of the report to shareholders filed under Item 1 of this form.
- (b) Not applicable.

Item 7. Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies.

The Proxy Voting Policies are attached herewith.

The Voting of Proxies on Behalf of Clients

Rules 204(4)-2 and 204-2 under the Investment Advisers Act of 1940 and Rule 30b1-4 under the Investment Company Act of 1940 require investment advisers to adopt written policies and procedures governing the voting of proxies on behalf of their clients.

These procedures will be used by GAMCO Asset Management Inc., Gabelli Funds, LLC, Gabelli Securities, Inc., and Teton Advisors, Inc. (collectively, the Advisers) to determine how to vote proxies relating to portfolio securities held by their clients, including the procedures that the Advisers use when a vote presents a conflict between the interests of the shareholders of an investment company managed by one of the Advisers, on the one hand, and those of the Advisers; the principal underwriter; or any affiliated person of the investment company, the Advisers, or the principal underwriter. These procedures will not apply where the Advisers do not have voting discretion or where the Advisers have agreed to with a client to vote the client's proxies in accordance with specific guidelines or procedures supplied by the client (to the extent permitted by ERISA).

I. Proxy Voting Committee

The Proxy Voting Committee was originally formed in April 1989 for the purpose of formulating guidelines and reviewing proxy statements within the parameters set by the substantive proxy voting guidelines originally published in 1988 and updated periodically, a copy of which are appended as Exhibit A. The Committee will include representatives of Research, Administration, Legal, and the Advisers. Additional or replacement members of the Committee will be nominated by the Chairman and voted upon by the entire Committee.

Meetings are held as needed basis to form views on the manner in which the Advisers should vote proxies on behalf of their clients.

In general, the Director of Proxy Voting Services, using the Proxy Guidelines, recommendations of Institutional Shareholder Corporate Governance Service (ISS), other third-party services and the analysts of Gabelli & Company, Inc., will determine how to vote on each issue. For non-controversial matters, the Director of Proxy Voting Services may vote the proxy if the vote is (1) consistent with the recommendations of the issuer's Board of Directors and not contrary to the Proxy Guidelines; (2) consistent with the recommendations of the issuer's Board of Directors and is a non-controversial issue not covered by the Proxy Guidelines; or (3) the vote is contrary to the recommendations of the Board of Directors but is consistent with the Proxy Guidelines. In those instances, the Director of Proxy Voting Services or the Chairman of the Committee may sign and date the proxy statement indicating how each issue will be voted.

All matters identified by the Chairman of the Committee, the Director of Proxy Voting Services or the Legal Department as controversial, taking into account the

recommendations of ISS or other third party services and the analysts of Gabelli & Company, Inc., will be presented to the Proxy Voting Committee. If the Chairman of the Committee, the Director of Proxy Voting Services or the Legal Department has identified the matter as one that (1) is controversial; (2) would benefit from deliberation by the Proxy Voting Committee; or (3) may give rise to a conflict of interest between the Advisers and their clients, the Chairman of the Committee will initially determine what vote to recommend that the Advisers should cast and the matter will go before the Committee.

A. Conflicts of Interest.

The Advisers have implemented these proxy voting procedures in order to prevent conflicts of interest from influencing their proxy voting decisions. By following the Proxy Guidelines, as well as the recommendations of ISS, other third-party services and the analysts of Gabelli & Company, the Advisers are able to avoid, wherever possible, the influence of potential conflicts of interest. Nevertheless, circumstances may arise in which one or more of the Advisers are faced with a conflict of interest or the appearance of a conflict of interest in connection with its vote. In general, a conflict of interest may arise when an Adviser knowingly does business with an issuer, and may appear to have a material conflict between its own interests and the interests of the shareholders of an investment company managed by one of the Advisers regarding how the proxy is to be voted. A conflict also may exist when an Adviser has actual knowledge of a material business arrangement between an issuer and an affiliate of the Adviser.