

Andriy Gostik
ag@concorde.com.ua
+380 44 207 5037

Eugene Cherviachenko
ec@concorde.com.ua
+ 380 44 207 5037

Polina Khomenko
pk@concorde.com.ua
+ 380 44 207 5037

Metals & Mining

By The Numbers

Industries Covered:

- **Steel**
- **Ferroalloys**
- **Pipes**
- **Iron Ore**
- **Coke**

CONTENT

Projections	2
STEEL	4
Valuation	5
Financials	7
Quarterly Charts	8
FERROALLOYS	12
Valuation	13
Financials	14
Quarterly Charts	15
PIPES	17
Valuation	18
Financials	19
Quarterly Charts	20
IRON ORE	22
Valuation	23
Financials	24
Quarterly Charts	25
COKE	26
Valuation	27
Financials	28
Quarterly Charts	29

Metals & Mining Universe (Projections)

Companies by Industry	Ticker	Sales		EBITDA		NI 2005E	Net Debt		
		2005E	2006F	2005E	2006F		2005E	2006F	2006F
Steel									
Kryvorizhstal	KSTL	2,189.6	1,935.0	488.9	484.0	278.6	289.0	(375.0)	(375.0)
Mariupol Illichia	MMKI	2,909.0	2,665.0	531.0	464.6	306.9	267.0	(199.0)	(199.0)
Azovstal*	AZST	2,420.2	2,236.0	378.7	316.0	226.9	185.0	108.0	108.0
Zaporizhstal*	ZPST	1,556.0	1,411.0	251.0	201.6	149.0	94.0	(82.0)	(42.0)
Alchevsk Metal	ALMK	988.8	1,071.0	140.9	150.0	84.3	86.0	117.0	117.0
Donetsk Metal Plant	DOMZ	322.6	330.0	5.4	7.5	2.1	4.0	1.1	1.0
Donetsk Metal Rolling	DMPZ	60.0	62.0	5.0	6.0	4.0	4.0	1.0	(1.0)
DniproSpetsStal	DNSS	467.4	492.3	31.4	49.2	11.3	25.8	65.2	52.3
Ferroalloys									
Zaporizhzhya Ferroalloy	ZFER	274.3	332.6	(19.2)	49.7	(28.5)	27.6	25.0	30.0
Stakhanov Ferroalloy	SFER	87.6	127.7	(1.8)	10.3	(8.2)	1.1	30.5	41.2
Nikopol Ferroalloy	NFER	480.0	550.0	15.4	38.5	0.0	16.5	4.0	4.0
Pipes									
Nyzhnyodniprovska Pipe	NITR	641.5	735.5	125.2	144.0	80.0	94.0	39.9	39.9
Khartysyk Tube	HRTR	252.0	267.1	49.8	52.8	28.4	30.1	7.0	7.0
Novomoskovsk Pipe	NVTR	128.8	157.0	5.7	17.6	1.4	10.3	2.5	2.5
Dnipropetrovsk Pipe	DTRZ	138.2	135.4	3.1	15.3	0.3	8.1	5.3	10.9
GOKs									
Yuzhny GOK	PGZK	248.0	320.0	44.0	65.0	5.5	15.0	32.0	40.0
Poltava GOK**	PGOK	678.0	707.2	319.0	333.0	199.0	207.5	124.2	101.0
Cokes									
Avdiivka Coke	AVDK	1,245.9	1,220.9	214.4	198.0	137.4	119.0	466.1	10.0
Alchevsk Coke	ALKZ	140.7	139.4	18.1	21.0	6.1	7.5	25.8	25.8
Donetsk Coke	DKOK	64.7	62.1	13.8	12.0	7.2	6.5	(0.6)	(0.6)
Yasinovsky Coke	YASK	230.0	240.0	19.0	21.0	10.1	12.0	(0.1)	0.0
Zaporizh Coke	ZACO	348.4	353.8	30.0	32.0	18.3	20.0	(10.0)	(10.0)
Bagliy Coke	BKOK	134.6	140.0	8.7	9.0	7.1	7.4	0.0	0.0

* AZST and ZPST data for 2005 are reported while the others are estimates.

** Poltava GOK's financials are consolidated to include Ferrexpo's ones.

Valuation

Ticker	MCap, USD mn	Market Price, USD	Target Price, USD*	Upside	Recommendation
KSTL	3,010	0.78	0.93	19%	BUY
MMKI	2,396	0.72	0.80	11%	HOLD
AZST	1,857	0.59	0.55	-7%	HOLD
ZPST	1,038	1.23	1.30	6%	BUY
ALMK**	431	0.04	0.08	100%	BUY
DOMZ	72	0.20	0.10	-50%	SELL
DMPZ	29	0.05	0.06	10%	HOLD
DNSS	201	186.90	236.70	27%	BUY
ZFER	296	0.13	0.16	21%	BUY
SFER	43	0.003	0.006	100%	BUY
NFER	404	1.33	U/R	n/a	Pend'g
NITR	632	11.73	18.00	53%	BUY
HRTR	586	0.23	0.16	-30%	SELL
NVTR	79	6.60	11.00	67%	BUY
DTRZ	50	47.13	86.65	84%	BUY
PGZK	493	0.23	0.33	43%	BUY
PGOK	1,452	13.20	16.00	21%	BUY
AVDK	824	4.26	5.50	29%	BUY
ALKZ**	211	0.07	0.04	-43%	SELL
DKOK	67	0.27	0.30	11%	HOLD
YASK	142	0.52	0.50	-4%	HOLD
ZACO	191	1.60	2.00	25%	BUY
BKOK**	137	0.20	0.14	-30%	SELL

*Target prices are based on peer comparison except for the following stocks:

KSTL target is based on the acquisition synergy effect analysis presented in Nov 7, 2005 report

DMPZ target is based on Scenario 1 DCF employed in Jan 23, 2006 report (case of no smelting capacities)

ZPST target is based on the analysis employed in March 9, 2006 note

**ALMK, ALKZ and BKOK are highly illiquid and have enormously large spreads due to additional share issue-related uncertainty and low transparency. We use bid quotes as the best approximation for ALMK and ALKZ market prices and use guidance of our sales desk to estimate BKOK's market price.

STEEL

Ukraine

Company	Current Price, USD	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
			2005E	2006F	2005E	2006F	2005E	2006F
KSTL	0.78	3,010	1.2	1.4	5.4	5.4	10.8	10.4
MMKI	0.72	2,396	0.8	0.8	4.1	4.7	7.8	9.0
AZST	0.59	1,857	0.8	0.9	5.2	6.2	8.2	10.0
ZPST	1.23	1,038	0.6	0.7	3.8	4.9	7.0	11.0
ALMK	0.04	431	0.6	0.5	3.9	3.7	5.1	5.0
DOMZ	0.20	72	0.2	0.2	13.7	9.8	34.0	18.1
DMPZ	0.05	29	0.5	0.4	5.9	4.6	7.1	7.1
Average w/o DMPZ			0.7	0.8	6.0	5.8	12.1	10.6
Median w/o DMPZ			0.6	0.7	5.2	4.9	7.8	10.0

International Peers

Company	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
		2005E	2006F	2005E	2006F	2005E	2006F
INI Steel	2,441	0.8	0.7	5.3	5.2	2.3	5.2
Bluescope Steel	3,583	0.8	0.8	6.4	6.3	10.1	11.0
Tangshan	683	0.3	0.3	2.5	2.6	3.9	4.8
Maanshan	2,003	0.7	0.9	3.6	5.9	5.2	7.4
IPSCO	4,825	1.5	1.8	5.3	7.7	9.7	13.4
CSN	8,321	2.4	2.6	5.4	5.8	8.9	12.0
Arcelor Brazil	10,357	1.9	1.9	5.1	5.2	7.9	9.3
SSAB	3,105	0.9	0.9	5.4	6.0	9.3	11.2
Average		1.2	1.2	4.9	5.3	7.2	8.7
Median		0.9	0.9	5.3	5.9	8.4	10.2

KSTL	Premium/ (Discount) by Average	4%	11%	10%	-3%	51%	12%
	Premium/ (Discount) by Median	36%	47%	1%	-7%	29%	3%
	Implied Price by Average, USD	0.76	0.71	0.72	0.80	0.52	0.69
	Implied Price by Median, USD	0.60	0.56	0.77	0.83	0.61	0.76
	Upside (Downside) by Average	-3%	-8%	-8%	2%	-34%	-11%
MMKI	Upside (Downside) by Median	-23%	-28%	-1%	7%	-22%	-3%
	Premium/ (Discount) by Average	-35%	-33%	-15%	-15%	9%	-3%
	Premium/ (Discount) by Median	-15%	-11%	-22%	-19%	-7%	-12%
	Implied Price by Average, USD	1.07	1.04	0.84	0.83	0.66	0.74
	Implied Price by Median, USD	0.83	0.80	0.90	0.87	0.77	0.81
AZST	Upside (Downside) by Average	49%	45%	17%	17%	-8%	3%
	Upside (Downside) by Median	16%	12%	26%	22%	8%	13%
	Premium/ (Discount) by Average	-31%	-29%	17%	11%	44%	8%
	Premium/ (Discount) by Median	-10%	-5%	7%	6%	23%	-1%
	Implied Price by Average, USD	0.87	0.83	0.50	0.52	0.41	0.54
ZPST	Implied Price by Median, USD	0.65	0.62	0.54	0.55	0.48	0.59
	Upside (Downside) by Average	48%	42%	-15%	-11%	-31%	-8%
	Upside (Downside) by Median	12%	6%	-7%	-6%	-19%	1%
	Premium/ (Discount) by Average	-49%	-43%	-24%	-12%	5%	19%
	Premium/ (Discount) by Median	-33%	-24%	-30%	-16%	-10%	9%
ALMK	Implied Price by Average, USD	2.31	2.11	1.59	1.39	1.17	1.03
	Implied Price by Median, USD	1.78	1.60	1.72	1.45	1.37	1.13
	Upside (Downside) by Average	88%	71%	29%	13%	-5%	-16%
	Upside (Downside) by Median	45%	30%	40%	18%	11%	-8%
	Premium/ (Discount) by Average	-52%	-58%	-21%	-31%	-29%	-42%
DOMZ	Premium/ (Discount) by Median	-37%	-45%	-27%	-38%	-39%	-51%
	Implied Price by Average, USD	0.10	0.11	0.05	0.06	0.06	0.07
	Implied Price by Median, USD	0.07	0.08	0.06	0.07	0.07	0.08
	Upside (Downside) by Average	139%	178%	33%	57%	40%	73%
	Upside (Downside) by Median	76%	103%	47%	77%	64%	103%
DMPZ	Premium/ (Discount) by Average	-80%	-82%	179%	85%	375%	108%
	Premium/ (Discount) by Median	-74%	-76%	156%	67%	305%	78%
	Implied Price by Average, USD	1.03	1.12	0.07	0.11	0.04	0.10
	Implied Price by Median, USD	0.79	0.84	0.08	0.12	0.05	0.11
	Upside (Downside) by Average	416%	459%	-65%	-47%	-79%	-52%
DMPZ	Upside (Downside) by Median	293%	321%	-62%	-41%	-75%	-44%
	Premium/ (Discount) by Average	-58%	-64%	21%	-13%	0%	-18%
	Premium/ (Discount) by Median	-44%	-52%	11%	-22%	-15%	-30%
	Implied Price by Average, USD	0.12	0.14	0.04	0.06	0.05	0.06
	Implied Price by Median, USD	0.09	0.16	0.04	0.06	0.06	0.07
DMPZ	Upside (Downside) by Average	140%	170%	-18%	15%	0%	22%
	Upside (Downside) by Median	82%	223%	-10%	27%	18%	42%

Russian Steels

	Company	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
			2005E	2006F	2005E	2006F	2005E	2006F
	Sevestal	5,107	0.7	0.8	2.5	3.6	4.2	7.3
	NLMK	8,727	2.3	2.3	4.8	5.7	6.6	5.9
	NTMK	2,214	0.6	0.8	1.6	2.7	4.1	6.6
	Mechel	1,624	0.6	0.5	2.9	2.6	4.1	4.0
	Average		1.0	1.1	3.0	3.6	4.8	5.9
	Median		0.6	0.8	2.7	3.1	4.2	6.2
KSTL	Premium/ (Discount) by Average		17%	22%	82%	50%	127%	75%
	Premium/ (Discount) by Median		88%	72%	98%	75%	159%	67%
	Implied Price by Average, USD		0.68	0.66	0.47	0.55	0.34	0.44
	Implied Price by Median, USD		0.46	0.49	0.44	0.49	0.30	0.47
	Upside (Downside) by Average		-13%	-16%	-39%	-29%	-56%	-43%
	Upside (Downside) by Median		-41%	-37%	-43%	-37%	-61%	-40%
MMKI	Premium/ (Discount) by Average		-26%	-26%	40%	30%	64%	51%
	Premium/ (Discount) by Median		18%	4%	52%	52%	87%	44%
	Implied Price by Average, USD		0.95	0.94	0.49	0.56	0.44	0.47
	Implied Price by Median, USD		0.62	0.69	0.27	0.31	0.38	0.50
	Upside (Downside) by Average		33%	32%	-31%	-21%	-39%	-34%
	Upside (Downside) by Median		-14%	-4%	-62%	-57%	-47%	-31%
AZST	Premium/ (Discount) by Average		-30%	-29%	6%	18%	14%	15%
	Premium/ (Discount) by Median		-8%	-5%	-3%	6%	-3%	-1%
	Implied Price by Average, USD		0.85	0.83	0.55	0.49	0.51	0.51
	Implied Price by Median, USD		0.64	0.62	0.60	0.55	0.60	0.59
	Upside (Downside) by Average		46%	42%	-6%	-16%	-12%	-13%
	Upside (Downside) by Median		10%	6%	3%	-6%	3%	1%
ZPST	Premium/ (Discount) by Average		-47%	-43%	-22%	-7%	-3%	27%
	Premium/ (Discount) by Median		-31%	-24%	-29%	-16%	-17%	9%
	Implied Price by Average, USD		2.24	2.11	1.55	1.31	1.27	0.97
	Implied Price by Median, USD		1.73	1.60	1.68	1.45	1.48	1.13
	Upside (Downside) by Average		82%	71%	26%	7%	3%	-21%
	Upside (Downside) by Median		41%	30%	37%	18%	21%	-8%
ALMK	Premium/ (Discount) by Average		-46%	-54%	31%	0%	8%	-16%
	Premium/ (Discount) by Median		-14%	-80%	361%	169%	616%	205%
	Implied Price by Average, USD		0.08	0.10	0.03	0.04	0.03	0.05
	Implied Price by Median, USD		0.05	0.07	0.02	0.03	0.03	0.05
	Upside (Downside) by Average		109%	149%	-30%	-1%	-19%	19%
	Upside (Downside) by Median		20%	70%	-38%	-19%	-19%	24%
DOMZ	Premium/ (Discount) by Average		-78%	-80%	361%	169%	616%	205%
	Premium/ (Discount) by Median		-64%	-72%	402%	214%	717%	191%
	Implied Price by Average, USD		0.91	1.01	0.04	0.07	0.03	0.07
	Implied Price by Median, USD		0.57	0.72	0.04	0.06	0.02	0.07
	Upside (Downside) by Average		356%	406%	-80%	-64%	-86%	-67%
	Upside (Downside) by Median		184%	260%	-81%	-69%	-88%	-66%
DMPZ	Premium/ (Discount) by Average		-52%	-60%	100%	26%	50%	20%
	Premium/ (Discount) by Median		-23%	-44%	118%	47%	72%	15%
	Implied Price by Average, USD		0.11	0.12	0.02	0.04	0.03	0.04
	Implied Price by Median, USD		0.07	0.09	0.02	0.03	0.03	0.04
	Upside (Downside) by Average		-47%	-39%	-88%	-80%	-83%	-79%
	Upside (Downside) by Median		-67%	-56%	-89%	-83%	-85%	-78%

Ukraine

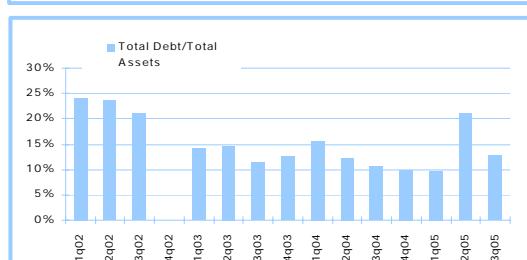
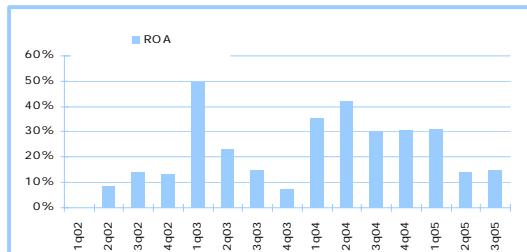
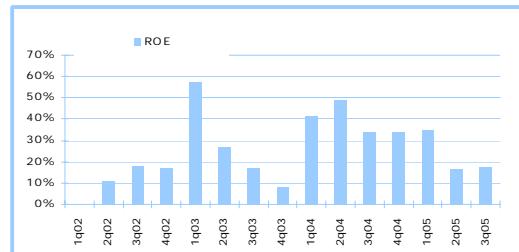
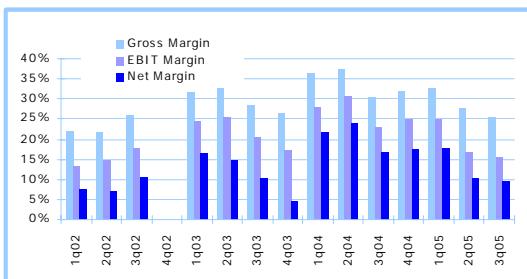
Company	Current Price, USD	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
			2005E	2006F	2005E	2006F	2005E	2006F
D NSS	186.9	201	0.6	0.5	8.5	5.1	17.8	7.8

International Peers

Company	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
		2005E	2006F	2005E	2006F	2005E	2006F
BNG STEEL	74	0.3	0.4	8.5	5.7	9.1	6.0
NIPPON YAKIN KOGYO	394	0.8	0.7	n/a	5.6	2.6	2.4
NIPPON METAL INDUSTRY CO LTD	401	0.5	0.4	4.2	3.8	32.5	29.6
BAE MYUNG METAL	18	0.4	0.3	8.8	8.0	8.3	7.6
CHINA SPECIAL STEEL	101	1.3	0.8	5.9	3.6	6.0	3.7
ACESITA SA-PREF	1,180	1.0	0.9	2.9	2.6	3.6	3.3
AICHI STEEL CORP	1,629	1.3	1.2	13.3	12.1	40.3	36.6
NIPPON KINZOKU CO LTD	165	0.7	0.6	7.0	6.4	44.9	40.8
THAINOX STAINLESS PCL	215	0.3	0.3	1.9	1.7	3.9	3.6
DAYE SPECIAL STEEL	207	0.7	0.6	11.7	10.6	17.4	15.8
Average		0.7	0.6	7.1	6.0	16.9	14.9
Median		0.7	0.6	7.0	5.7	8.7	6.8

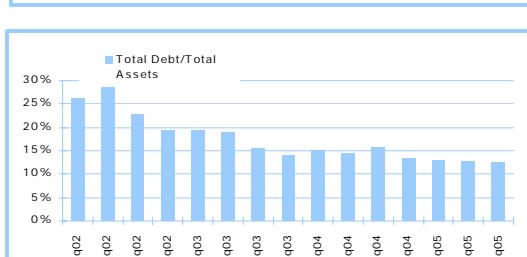
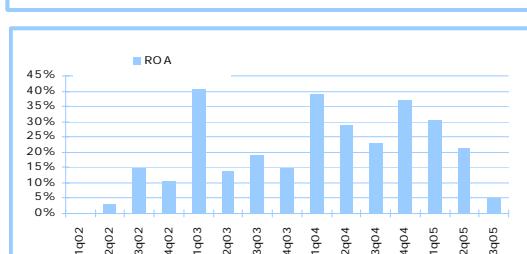
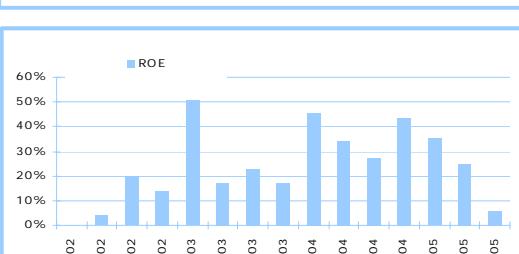
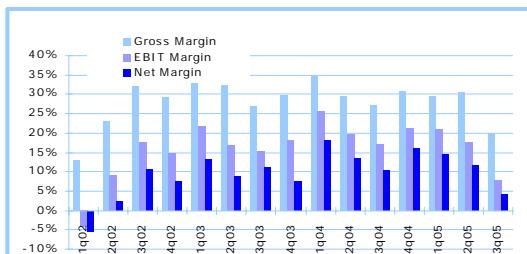
D NSS	Premium/ (Discount) by Average	-21%	-17%	19%	-14%	6%	-48%
	Premium/ (Discount) by Median	-16%	-20%	21%	-9%	105%	15%
	Implied Price by Average, USD	251.04	234.73	147.46	226.81	176.88	357.89
	Implied Price by Median, USD	234.84	246.90	143.77	210.62	91.30	162.38
	Upside (Downside) by Average	34%	26%	-21%	21%	-5%	91%
	Upside (Downside) by Median	26%	32%	-23%	13%	-51%	-13%

KSTL – Quarterly



ROA and ROE are annualized

MMKI – Quarterly



ROA and ROE are annualized

AZST – Quarterly



ROA and ROE are annualized



ZPST – Quarterly



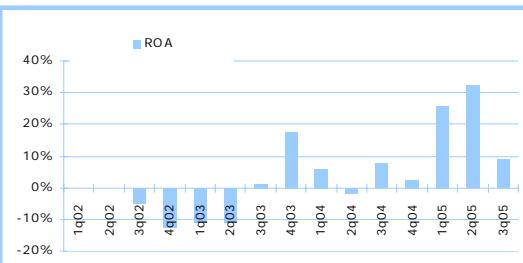
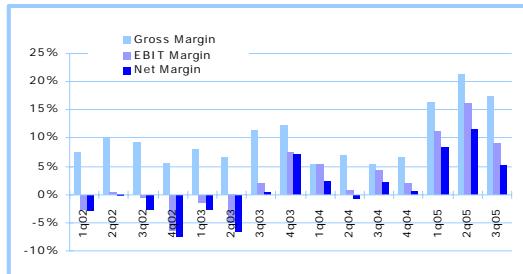
ROA and ROE are annualized



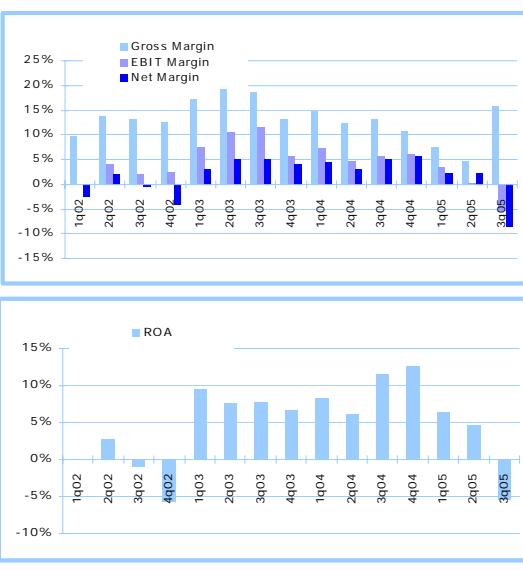
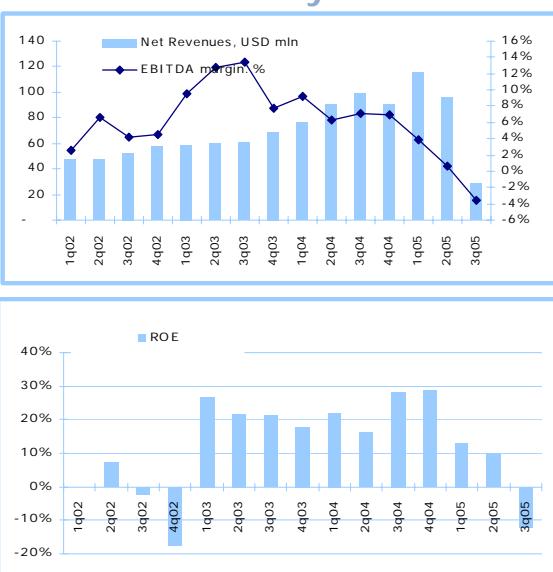
ALMK – Quarterly



ROA and ROE are annualized



DOMZ – Quarterly



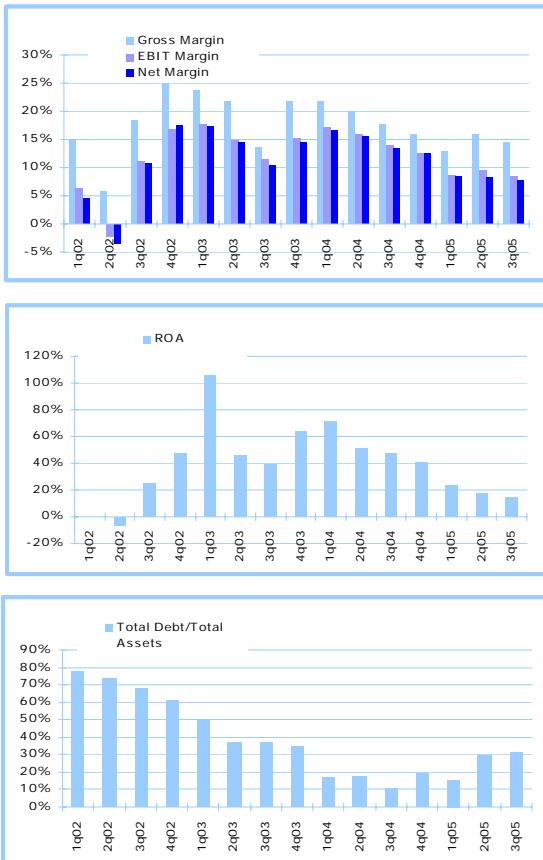
ROA and ROE are annualized



DMPZ – Quarterly



ROA and ROE are annualized



ROA and ROE are annualized

D NSS – Quarterly



ROA and ROE are annualized



FERROALLOYS

Ukraine

Company	Current Price, USD	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
			2005E	2006F	2005E	2006F	2005E	2006F
ZFER	0.13	296	1.2	1.0	neg	6.9	neg	10.6
SFER	0.003	43	0.8	0.7	neg	8.1	neg	39.6
NFER	1.33	404	0.8	0.7	26.5	10.6	n/a	24.5
Average			1.0	0.8	26.5	8.5	neg	24.9
Median			0.8	0.7	26.5	8.1	neg	24.5

International Peers

Company	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
		2005	2006	2005	2006	2005	2006
Eramet	3,297	0.9	0.8	3.0	2.9	8.8	9.0
Compania Minera Autlan SA De	96	0.4	1.7	1.5	1.4	3.3	68.1
Highveld Steel & Vanadium	1,351	0.9	0.6	3.2	2.0	6.3	3.9
Fesil ASA	43	0.3	0.2	3.2	2.4	2.2	1.7
Nippon Denko Company Limited	350	0.8	0.8	7.7	11.1	10.3	14.4
Sichuan Chuantou Energy	193	1.9	1.7	18.5	16.4	27.1	24.0
Average		0.9	1.0	6.2	5.0	9.7	21.3
Median		0.8	0.8	3.2	2.7	7.6	11.7
ZFER	Premium/ (Discount) by Average	35%	8%	neg	37%	neg	-50%
	Premium/ (Discount) by Median	39%	30%	neg	158%	neg	-10%
	Implied Price by Average, USD	0.09	0.12	n/a	0.09	n/a	0.26
	Implied Price by Median, USD	0.09	0.09	n/a	0.04	n/a	0.14
	Upside (Downside) by Average	-28%	-9%	n/a	-32%	n/a	102%
SFER	Upside (Downside) by Median	-31%	-27%	n/a	-71%	n/a	11%
	Premium/ (Discount) by Average	-4%	-31%	Neg	62%	neg	85%
	Premium/ (Discount) by Median	0%	-17%	Neg	204%	neg	238%
	Implied Price by Average, USD	0.003	0.006	n/a	0.001	n/a	0.002
	Implied Price by Median, USD	0.003	0.004	n/a	n/a	n/a	0.001
NFER	Upside (Downside) by Average	6%	89%	n/a	-75%	n/a	-46%
	Upside (Downside) by Median	0%	41%	n/a	n/a	n/a	-70%
	Premium/ (Discount) by Average	-2%	-23%	327%	110%	n/a	15%
	Premium/ (Discount) by Median	1%	-7%	722%	295%	n/a	109%
	Implied Price by Average, USD	1.36	1.73	0.30	0.63	n/a	1.16
	Implied Price by Median, USD	1.32	1.43	0.15	0.34	n/a	0.64
	Upside (Downside) by Average	2%	30%	-77%	-53%	n/a	-13%
	Upside (Downside) by Median	-1%	8%	-89%	-74%	n/a	-52%

Ferroalloy Reported Financials, According to UAS

Income Statement Summary. USD mn				ZFER				SFER				NFER				
	2002	2003	2004	9M05	2002	2003	2004	9M05	2002	2003	2004	9M05	2002	2003	2004	9M05
Net Revenues	136	191	328	229	47	43	61	66	272	288	415	359				
Cost Of Sales	(120)	(170)	(339)	(223)	(42)	(38)	(57)	(64)	(216)	(239)	(364)	(322)				
Gross Profit	16	21	(11)	6	4	6	4	2	56	50	51	37				
Other Operating Income/Costs. net	0	1	(0)	(3)	(0)	1	1	0	(28)	(20)	(9)	(10)				
SG&A	(6)	(8)	(9)	(8)	(4)	(3)	(3)	(4)	(14)	(15)	(15)	(16)				
EBITDA	10	15.0	(20.1)	(5.4)	0	3.7	1.6	(1.4)	14	14.6	26.1	11.5				
<i>EBITDA margin. %</i>	8%	7.8%	-6.1%	-2.4%	1%	8.5%	2.6%	-2.1%	5%	5.1%	6.3%	3.2%				
Depreciation	(4)	(4)	(4)	(3)	(2)	(2)	(2)	(2)	(5)	(5)	(5)	(5)				
EBIT	6	11	(24)	(9)	(2)	2	(1)	(3)	10	10	21	7				
<i>EBIT margin. %</i>	5%	5.7%	-7.4%	-3.9%	-4%	3.8%	-1.0%	-5.2%	4%	3.3%	5.0%	1.9%				
Interest Expense	(5)	(2.8)	(4.4)	(2.9)	(2)	(2.4)	(2.5)	(1.0)	(3)	(0.7)	(0.9)	(0.9)				
Financial income	0	-	-	-	0	0	0	0	0	0	0	0				
Other income/(expense)	(2)	(2)	(1)	3	0	(1)	(2)	0	(0)	(0)	0	0				
PBT	0	6	(30)	(9)	(3)	(1)	(6)	(4)	7	8	20	6				
Tax	(0)	(6)	-	(0)	-	-	-	-	(3)	(5)	(7)	(6)				
<i>Effective tax rate</i>	72%	98%	0%	-2%	0%	0%	0%	0%	49%	54%	34%	100%				
Net Income	0	0	(30)	(9)	(3)	(1)	(6)	(4)	3	4	13	0				
<i>Net Margin. %</i>	0.1%	0.1%	-9.0%	-3.9%	-7.1%	-3.1%	-9.1%	-6.4%	1.3%	1.4%	3.2%	0.0%				
Balance Sheet Summary. USD mn				ZFER				SFER				NFER				
	2002	2003	2004	9M05	2002	2003	2004	9M05	2002	2003	2004	9M05	2002	2003	2004	9M05
Current Assets	127	210	137	138	21	13	26	33	74	74	92	79				
Cash & Equivalents	2	3	3	3	0	0	0	1	0	0	2	0				
Trade Receivables	15	23	8	19	6	2	5	8	19	25	49	20				
Inventories	13	17	32	24	5	4	15	17	34	23	23	34				
Other current assets	97	167	94	92	10	8	6	7	22	25	17	24				
Fixed Assets	73	81	80	105	16	16	20	27	82	79	84	91				
PP&E. net	49	58	58	80	12	11	16	18	75	77	77	83				
Other Fixed Assets	24	22	23	25	4	4	5	8	7	2	7	8				
Total Assets	200	291	217	243	37	29	47	59	156	153	176	170				
Shareholders' Equity	63	62	37	76	9	8	2	22	99	103	117	122				
Share Capital	20	20	20	45	4	4	4	28	14	14	14	15				
Reserves and Other	14	14	14	37	7	7	7	7	74	74	76	79				
Retained Earnings	29	29	3	(6)	(2)	(3)	(9)	(14)	11	15	27	28				
Current Liabilities	93	163	117	104	27	9	37	30	51	41	50	38				
ST Interest Bearing Debt	24	35	10	28	13	5	10	21	26	6	15	4				
Trade Payables	28	23	28	16	6	2	1	1	15	25	29	13				
Accrued Wages	0	0	0	0	0	0	0	0	1	0	1	1				
Accrued Taxes	0	0	0	0	0	0	0	0	1	0	0	0				
Other Current Liabilities	41	105	79	60	9	2	26	8	9	10	5	20				
LT Liabilities	44	66	63	63	1	12	8	8	5	9	8	9				
LT Interest Bearing Debt	-	-	-	-	-	12	8	8	-	-	-	-				
Other LT	44	66	63	63	1	-	-	-	5	9	8	9				
Total Liabilities & Equity	200	291	217	243	37	29	47	59	156	153	176	170				

ZFER – Quarterly



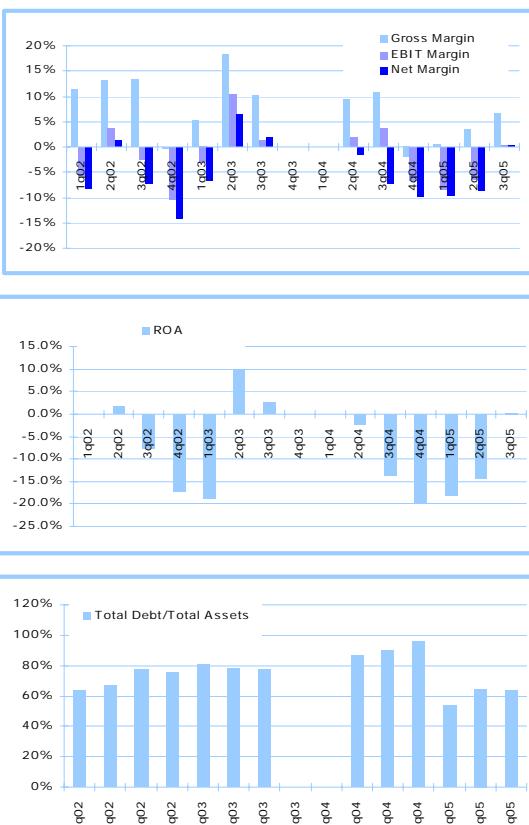
ROA and ROE are annualized



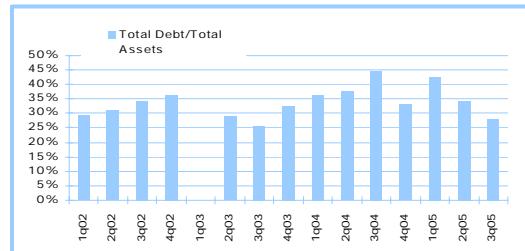
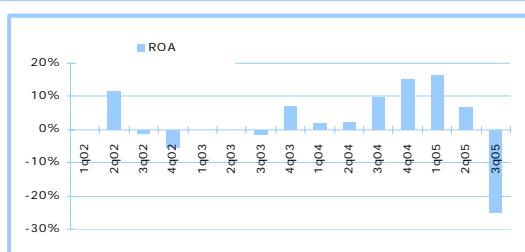
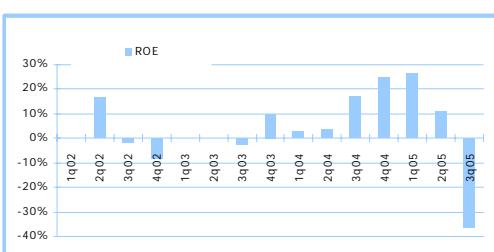
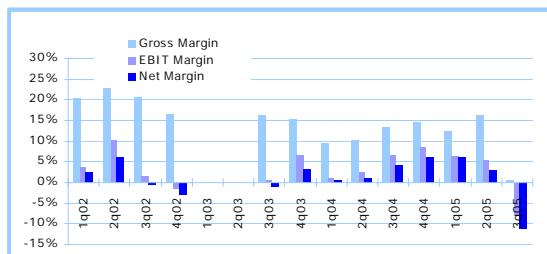
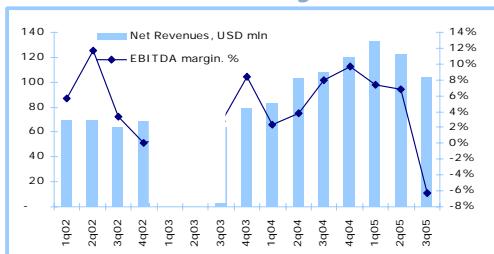
SFER – Quarterly*



ROA and ROE are annualized
** In 4Q03-1Q04 SFER was temporarily stopped*



NFER – Quarterly*



ROA and ROE are annualized

* For 1Q03-2Q03 financials are not available

PIPES

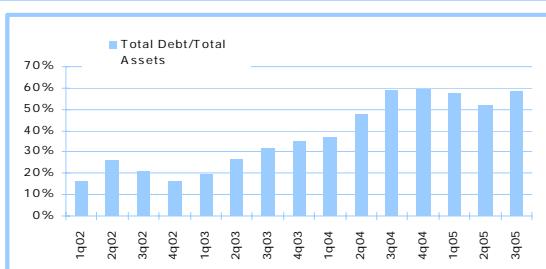
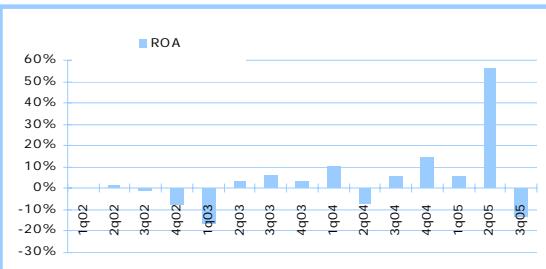
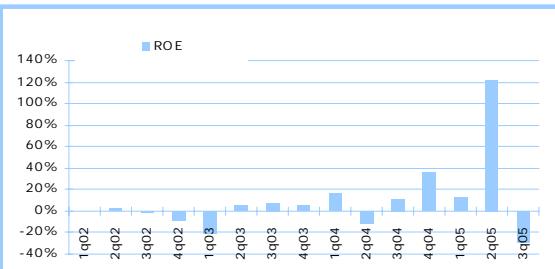
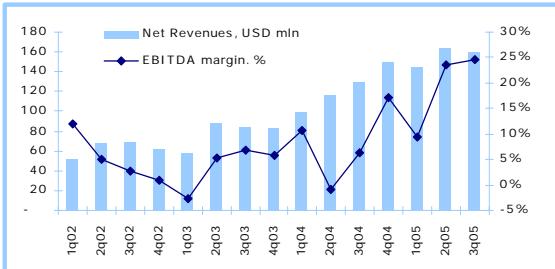
Ukraine

Company	Current Price, USD	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
			2005E	2006F	2005E	2006F	2005E	2006F
NITR	11.73	632	1.0	0.9	5.4	4.7	7.9	6.7
HRTR	0.23	586	2.4	2.2	11.9	11.2	20.6	19.5
NVTR	6.60	79	0.6	0.5	14.3	4.6	56.9	7.7
DTRZ	47.13	50	0.4	0.4	17.8	4.0	165.9	6.1
Average			1.1	1.0	12.3	6.1	62.8	10.0
Median			0.8	0.7	13.1	4.7	38.8	7.2

International Peers

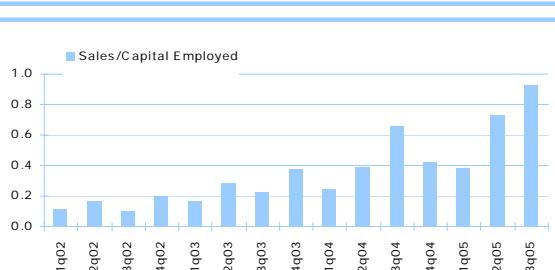
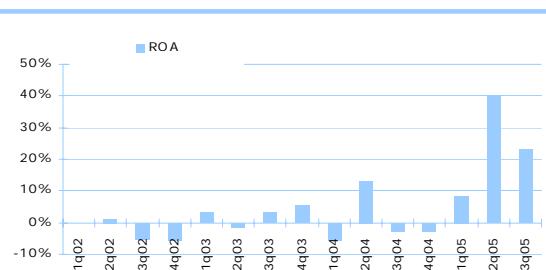
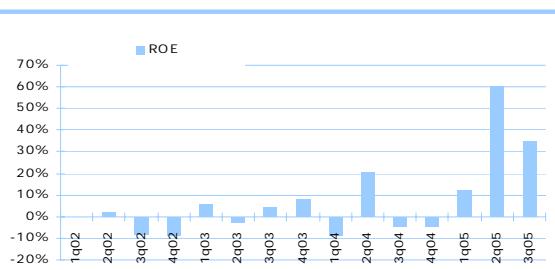
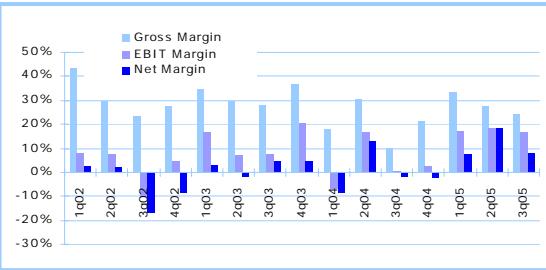
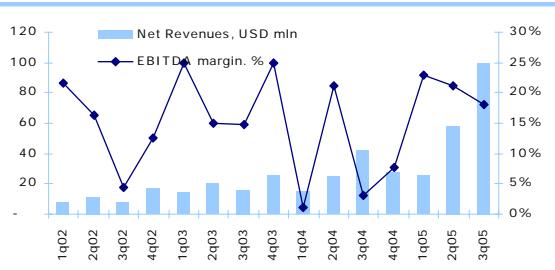
Company	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
		2005E	2006F	2005E	2006F	2005E	2006F
Lone Star Technology Inc	1,618	1.2	1.0	5.9	3.7	7.8	7.6
Maverick Tube Corp.	1,946	1.3	1.0	8.2	5.0	11.8	7.9
Tubacex SA	695	1.6	1.5	13.3	10.0	22.9	18.1
Vallourec	9,093	1.8	1.5	7.7	5.9	16.4	10.7
Tenaris SA	20,035	2.8	2.5	8.8	7.6	14.7	13.2
Grant Prideco Inc	4,809	6.5	3.0	14.0	9.9	21.5	14.0
NS Group Inc	902	1.5	1.3	5.8	4.3	9.4	7.5
Hydrill	1,636	3.9	2.9	12.5	9.2	23.0	16.7
Average		2.6	1.8	9.5	7.0	15.9	12.0
Median		1.7	1.5	8.5	6.8	15.5	12.0
NITR	Premium/ (Discount) by Average	-59%	-50%	-44%	-32%	-50%	-43%
	Premium/ (Discount) by Median	-39%	-40%	-37%	-31%	-49%	-44%
	Implied Price by Average, USD	30.02	24.31	21.42	17.59	23.68	20.54
	Implied Price by Median, USD	19.80	20.01	19.08	17.32	23.07	20.85
	Upside (Downside) by Average	156%	107%	83%	50%	102%	75%
HRTR	Upside (Downside) by Median	69%	71%	63%	48%	97%	78%
	Premium/ (Discount) by Average	-9%	21%	25%	64%	29%	65%
	Premium/ (Discount) by Median	36%	46%	40%	66%	33%	63%
	Implied Price by Average, USD	0.25	0.19	0.18	0.14	0.18	0.14
	Implied Price by Median, USD	0.17	0.16	0.16	0.14	0.17	0.14
NVTR	Upside (Downside) by Average	10%	-18%	-20%	-39%	-23%	-40%
	Upside (Downside) by Median	-27%	-32%	-29%	-40%	-25%	-39%
	Premium/ (Discount) by Average	-75%	-72%	50%	-32%	257%	-35%
	Premium/ (Discount) by Median	-63%	-66%	67%	-31%	266%	-36%
	Implied Price by Average, USD	27.53	23.81	4.34	9.85	1.85	10.11
DTRZ	Implied Price by Median, USD	18.32	19.68	3.86	9.71	1.80	10.26
	Upside (Downside) by Average	317%	261%	-34%	49%	-72%	53%
	Upside (Downside) by Median	178%	198%	-42%	47%	-73%	55%
	Premium/ (Discount) by Average	-85%	-76%	86%	-42%	940%	-48%
	Premium/ (Discount) by Median	-77%	-71%	108%	-41%	967%	-49%
DTRZ	Implied Price by Average, USD	333.22	225.10	23.00	89.09	4.53	90.34
	Implied Price by Median, USD	220.89	184.68	20.04	87.63	4.42	91.71
	Upside (Downside) by Average	607%	378%	-51%	89%	-90%	92%
	Upside (Downside) by Median	369%	292%	-57%	86%	-91%	95%

NITR – Quarterly



ROA and ROE are annualized

HRTR – Quarterly



ROA and ROE are annualized

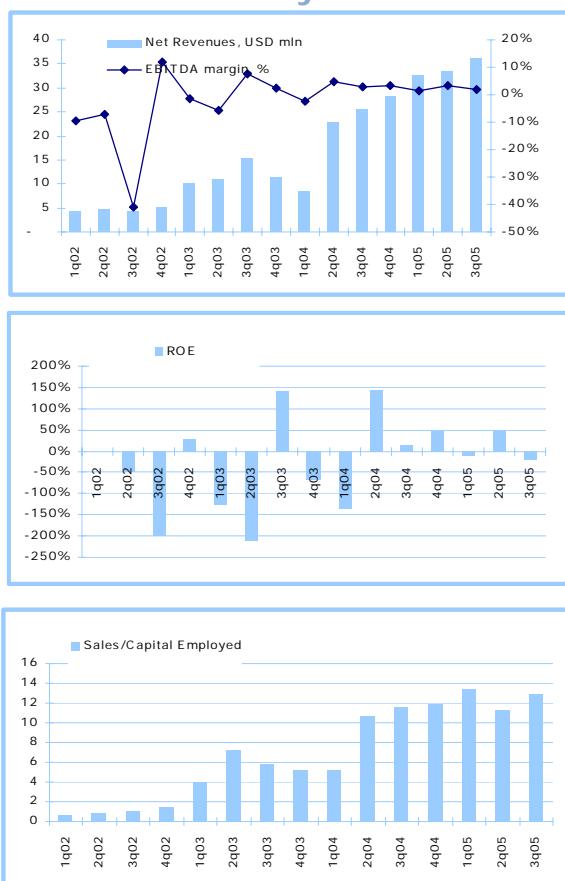
NVTR – Quarterly



ROA and ROE are annualized



DTRZ – Quarterly



ROA and ROE are annualized



IRON ORE

Ukraine

Company	Current Price, USD	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
			2005E	2006F	2005E	2006F	2005E	2006F
PGZK	0.23	493	2.1	1.7	11.9	8.2	89.6	32.9
PGOK*	13.20	1452	2.3	2.2	4.9	4.7	7.3	7.0
Average			2.2	1.9	8.4	6.4	48.5	19.9
Median			2.2	1.9	8.4	6.4	48.5	19.9

International Peers

Company	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
		2005E	2006F	2005E	2006F	2005E	2006F
BHP Billiton	107,163	4.0	3.3	10.4	7.2	16.9	11.4
CVRD	47,024	3.3	2.9	6.9	5.2	9.1	7.2
Rio Tinto	71,873	4.4	3.4	9.5	6.7	16.7	11.6
Kumba Resources	5,565	3.0	2.5	7.7	6.2	14.3	10.4
Cleveland-Cliffs	1,973	1.0	0.7	3.9	2.8	5.9	6.1
Portman	729	2.6	1.4	5.9	2.5	9.5	5.2
Assmang	1,380	2.0	2.1	5.5	6.6	9.0	12.4
Average		2.9	2.3	7.1	5.7	11.6	9.7
Median		3.0	2.5	6.9	6.2	9.5	10.4
PGZK	Premium/ (Discount) by Average	-27%	-28%	68%	54%	670%	258%
	Premium/ (Discount) by Median	-29%	-34%	74%	33%	848%	216%
	Implied Price by Average, USD	0.32	0.33	0.13	0.14	0.03	0.06
	Implied Price by Median, USD	0.33	0.36	0.13	0.17	0.02	0.07
	Upside (Downside) by Average	39%	42%	-43%	-38%	-87%	-72%
	Upside (Downside) by Median	43%	55%	-45%	-27%	-89%	-68%
PGOK	Premium/ (Discount) by Average	-20%	-5%	-31%	-12%	-37%	-24%
	Premium/ (Discount) by Median	-22%	-12%	-28%	-24%	-23%	-33%
	Implied Price by Average, USD	16.67	13.97	19.50	15.15	21.07	17.32
	Implied Price by Median, USD	17.13	15.19	18.77	17.70	17.11	19.61
	Upside (Downside) by Average	26%	6%	48%	15%	60%	31%
	Upside (Downside) by Median	30%	15%	42%	34%	30%	49%

Russian Peers

Company	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
		2005E	2006F	2005E	2006F	2005E	2006F
Mikhailovsky GOK	2,278	2.7	2.5	6.2	5.3	8.2	6.9
Lebedinsky GOK	3,712	3.6	3.0	6.1	5.1	8.9	8.1
Average		3.2	2.8	6.2	5.2	8.5	7.5
Median		3.2	2.8	6.2	5.2	8.5	7.5
PGZK	Premium/ (Discount) by Average	-33%	-40%	94%	57%	951%	339%
	Premium/ (Discount) by Median	-33%	-40%	94%	57%	951%	339%
	Implied Price by Average, USD	0.35	0.39	0.11	0.14	0.02	0.05
	Implied Price by Median, USD	0.35	0.39	0.11	0.14	0.02	0.05
	Upside (Downside) by Average	53%	71%	-52%	-39%	-90%	-77%
	Upside (Downside) by Median	53%	71%	-52%	-39%	-90%	-77%
PGOK	Premium/ (Discount) by Average	-27%	-20%	-20%	-11%	-14%	-7%
	Premium/ (Discount) by Median	-27%	-20%	-20%	-11%	-14%	-7%
	Implied Price by Average, USD	18.46	16.83	16.73	14.90	15.44	14.14
	Implied Price by Median, USD	18.46	16.83	16.73	14.90	15.44	14.14
	Upside (Downside) by Average	40%	28%	27%	13%	17%	7%
	Upside (Downside) by Median	40%	28%	27%	13%	17%	7%

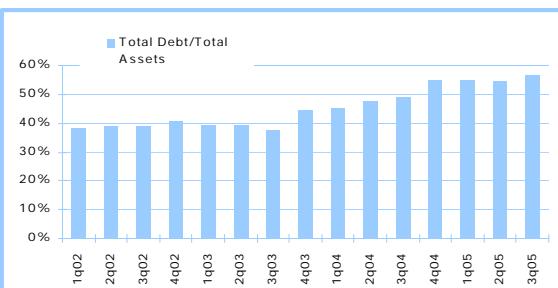
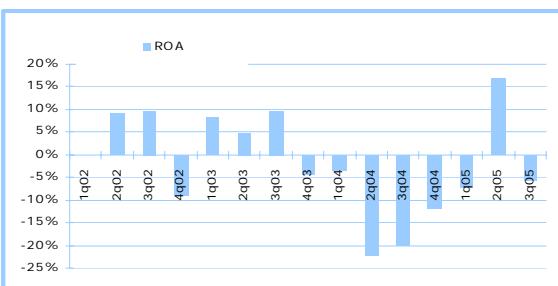
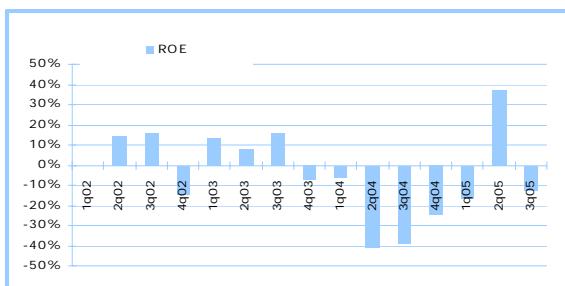
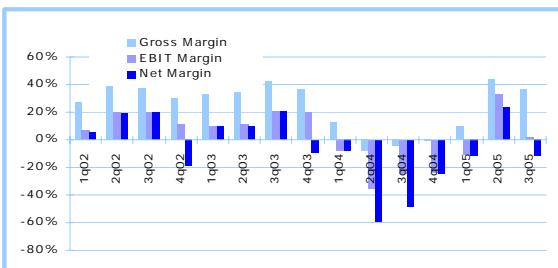
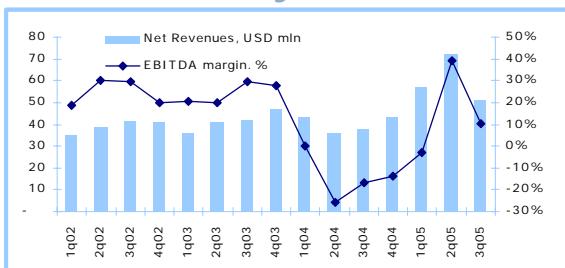
* Poltava GOK's financials are consolidated to include Ferrexpo's ones.

GOKs Reported Financials, According to UAS*

Income Statement Summary. USD mn	PGZK				PGOK			
	2002	2003	2004	9M05	2002	2003	2004	9M05
Net Revenues	156	166	161	180	164	206	273	342
Cost Of Sales	(103)	(105)	(161)	(125)	(110)	(135)	(173)	(190)
Gross Profit	52	61	0	55	54	71	100	151
Other Operating Income/Costs, net	(3)	(1)	(2)	(4)	(1)	(2)	(3)	(4)
SG&A	(10)	(18)	(20)	(20)	(26)	(34)	(50)	(49)
EBITDA	39	41.2	(21.6)	31.6	27	34.8	47.2	98.8
<i>EBITDA margin. %</i>	25%	24.9%	-13.4%	17.6%	16%	16.9%	17.3%	28.9%
Depreciation	(16)	(15)	(14)	(13)	(13)	(14)	(15)	(13)
EBIT	23	26	(36)	18	14	21	32	86
<i>EBIT margin. %</i>	15%	15.9%	-22.3%	10.3%	8%	10.1%	11.8%	25.1%
Interest Expense	(2)	(2.2)	(1.3)	(3.4)	(11)	(11.4)	(14.0)	(10.1)
Financial income	-	-	-	-	0	0	1	1
Other income/(expense)	0	0	(17)	(0)	(2)	(2)	(3)	0
PBT	21	24	(54)	15	2	7	16	77
Tax	(11)	(12)	-	(11)	(1)	(4)	(9)	(22)
<i>Effective tax rate</i>	53%	50%	0%	75%	44%	51%	55%	29%
Minority Interest	-	-	-	-	-	-	-	-
Extraordinary Income/(loss)	-	-	-	-	-	-	-	-
Net Income	10	12	(54)	4	1	3	7	55
<i>Net Margin. %</i>	6.3%	7.3%	-33.4%	2.1%	0.6%	1.7%	2.6%	16.0%
Balance Sheet Summary. USD mn								
	2002	2003	2004	9M05	2002	2003	2004	9M05
Current Assets	157	202	186	222	66	80	118	174
Cash & Equivalents	1	1	1	0	0	5	19	15
Trade Receivables	51	38	33	60	23	12	9	27
Inventories	29	35	33	48	17	19	34	50
Other current assets	76	128	119	113	26	44	56	82
Fixed Assets	194	194	193	202	166	166	183	261
PP&E. net	176	177	167	174	148	147	163	183
Other Fixed Assets	18	17	26	27	18	18	20	78
Total Assets	351	395	379	423	232	246	300	436
Shareholders' Equity	207	220	172	183	110	112	132	230
Share Capital	101	101	101	105	123	123	138	182
Reserves and Other	44	45	27	29	6	6	6	7
Retained Earnings	63	74	43	50	(20)	(18)	(12)	42
Current Liabilities	131	151	164	194	78	107	98	127
ST Interest Bearing Debt	3	8	22	31	57	93	71	89
Trade Payables	110	86	90	125	17	10	19	27
Accrued Wages	1	1	2	2	1	1	1	1
Accrued Taxes	1	1	1	7	2	1	1	3
Other Current Liabilities	17	55	49	29	2	2	6	7
LT Liabilities	12	24	44	45	44	26	70	78
LT Interest Bearing Debt	-	-	-	-	36	26	70	78
Other LT	12	24	44	45	8	0	0	0
Total Liabilities & Equity	351	395	379	423	232	246	300	436

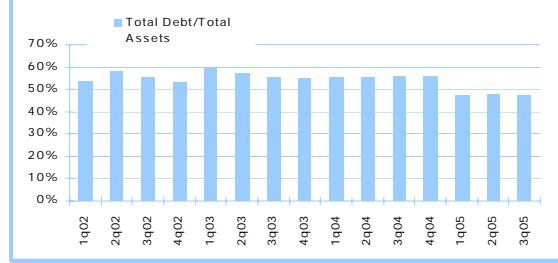
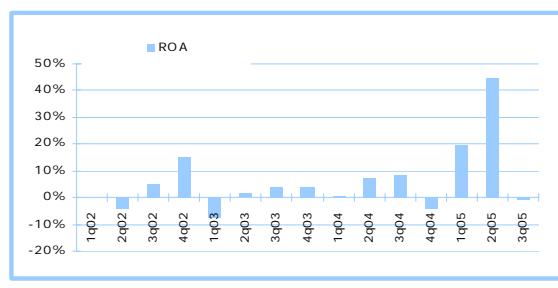
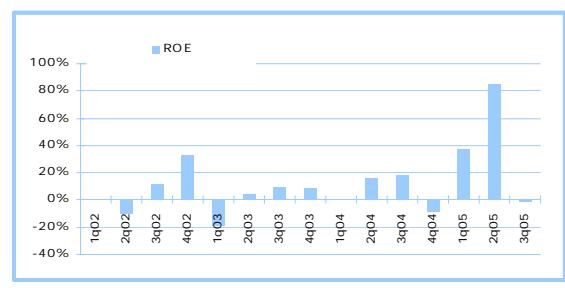
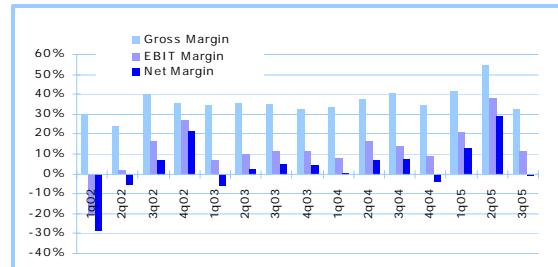
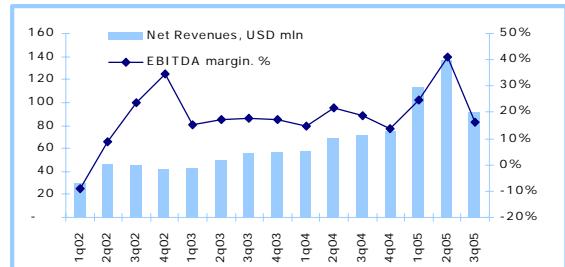
* Poltava GOK's financials are given as reported and do not consolidate Ferrexpo.

PGZK – Quarterly



ROA and ROE are annualized

PGOK – Quarterly



ROA and ROE are annualized

COKE

Ukraine

Company	Current Price, USD	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
			2005E	2006F	2005E	2006F	2005E	2006F
AVDK	4.26	824	1.0	0.7	6.0	4.2	6.0	6.9
ALKZ	0.07	211	1.7	1.7	13.1	11.3	34.6	28.1
DKOK	0.27	67	1.0	1.1	4.8	5.5	9.3	10.3
YASK	0.52	142	0.6	0.6	7.5	6.8	14.1	11.9
ZACO	1.60	191	0.5	0.5	6.0	5.7	10.4	9.5
BKOK	0.2	137	1.0	1.0	15.7	15.1	19.3	18.5
Average			1.0	0.9	8.9	8.1	15.6	14.2
Median			1.0	0.8	6.8	6.2	12.3	11.1

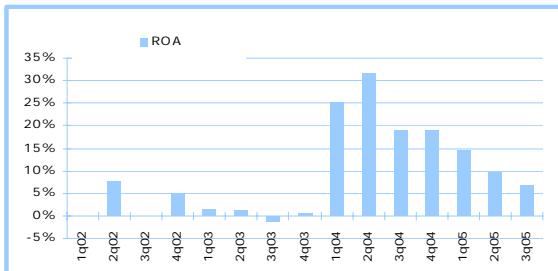
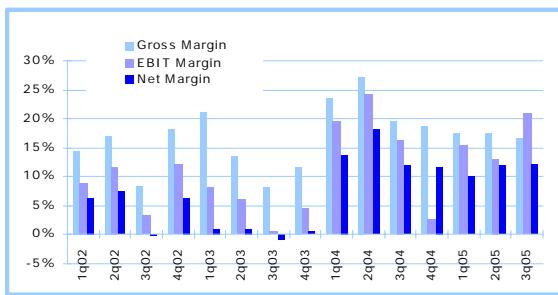
International Peers

Company	Mcap, USD mn	EV/S		EV/EBITDA		P/E	
		2005E	2006F	2005E	2006F	2005E	2006F
Taiyuan Coal Gasification Co	226	0.8	0.5	3.6	2.5	9.9	6.8
Gujarat NRE Coke Limited	201	1.9	1.4	n/a	4.3	6.2	5.8
Taiyuan Chemical Inds Co Ltd	186	0.9	0.6	9.1	5.9	20.2	13.0
Shanxi Coking Co Ltd	183	1.0	1.0	5.1	5.0	14.5	14.4
Shanxi Antai Co Ltd	205	1.4	1.2	7.5	6.2	11.5	15.7
Heilongjiang Heihua Co	126	1.0	0.6	7.1	4.6	25.1	16.2
Excel Coal Ltd	989	4.5	3.2	16.5	8.1	13.8	13.6
Average		1.6	1.2	8.2	5.2	14.5	12.2
Median		1.0	1.0	7.3	5.0	13.8	13.6
AVDK	Premium/ (Discount) by Average	-36%	-43%	-26%	-20%	-59%	-43%
	Premium/ (Discount) by Median	6%	-30%	-18%	-16%	-57%	-49%
	Implied Price by Average, USD	8.01	7.56	6.63	5.31	10.27	7.51
	Implied Price by Median, USD	3.90	6.07	5.68	5.09	9.82	8.38
	Upside (Downside) by Average	88%	78%	56%	25%	141%	77%
ALKZ	Upside (Downside) by Median	-8%	43%	33%	20%	131%	97%
	Premium/ (Discount) by Average	4%	41%	60%	115%	139%	130%
	Premium/ (Discount) by Median	72%	75%	79%	124%	150%	106%
	Implied Price by Average, USD	0.07	0.05	0.04	0.03	0.03	0.03
	Implied Price by Median, USD	0.04	0.04	0.04	0.03	0.03	0.03
DKOK	Upside (Downside) by Average	-4%	-32%	-42%	-60%	-58%	-57%
	Upside (Downside) by Median	-47%	-48%	-49%	-62%	-60%	-52%
	Premium/ (Discount) by Average	-37%	-11%	-41%	6%	-36%	-16%
	Premium/ (Discount) by Median	5%	10%	-34%	10%	-33%	-24%
	Implied Price by Average, USD	0.42	0.30	0.45	0.25	0.42	0.32
YASK	Implied Price by Median, USD	0.26	0.24	0.41	0.24	0.40	0.36
	Upside (Downside) by Average	57%	13%	69%	-5%	55%	18%
	Upside (Downside) by Median	-5%	-9%	51%	-9%	49%	32%
ZACO	Premium/ (Discount) by Average	-62%	-51%	-8%	29%	-3%	-3%
	Premium/ (Discount) by Median	-37%	-39%	2%	35%	2%	-13%
	Implied Price by Average, USD	1.36	1.06	0.57	0.40	0.53	0.54
	Implied Price by Median, USD	0.82	0.85	0.51	0.39	0.51	0.60
	Upside (Downside) by Average	162%	104%	9%	-23%	3%	3%
BKOK	Upside (Downside) by Median	58%	64%	-2%	-26%	-2%	15%
	Premium/ (Discount) by Average	-68%	-58%	-26%	8%	-28%	-22%
	Premium/ (Discount) by Median	-47%	-47%	-17%	12%	-25%	-30%
	Implied Price by Average, USD	4.81	3.66	2.14	1.49	2.22	2.05
	Implied Price by Median, USD	2.94	2.96	1.92	1.43	2.12	2.28
	Upside (Downside) by Average	201%	129%	34%	-7%	39%	28%
	Upside (Downside) by Median	84%	85%	20%	-10%	33%	43%
	Premium/ (Discount) by Average	-37%	-19%	93%	189%	33%	52%
	Premium/ (Discount) by Median	4%	-15%	-8%	24%	-11%	-19%
	Implied Price by Average, USD	0.32	0.25	0.10	0.07	0.15	0.13
	Implied Price by Median, USD	0.19	0.20	0.09	0.07	0.14	0.15
	Upside (Downside) by Average	59%	23%	-48%	-65%	-25%	-34%
	Upside (Downside) by Median	-4%	-1%	-54%	-67%	-28%	-26%

AVDK – Quarterly



ROA and ROE are annualized



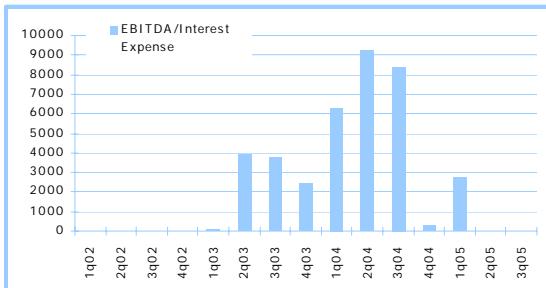
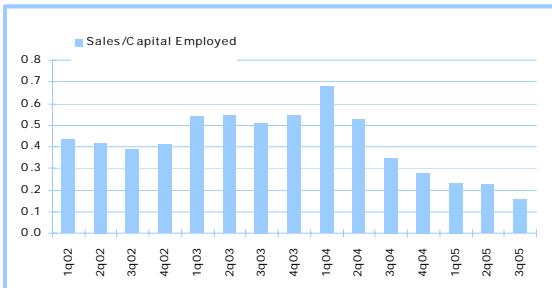
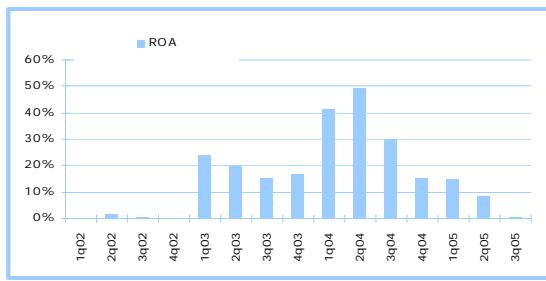
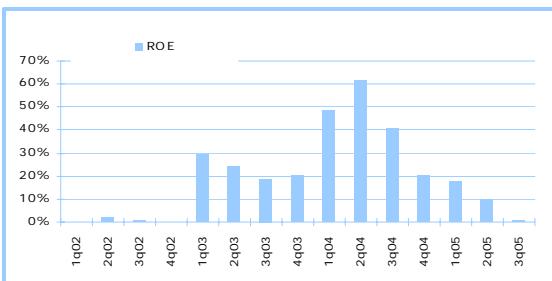
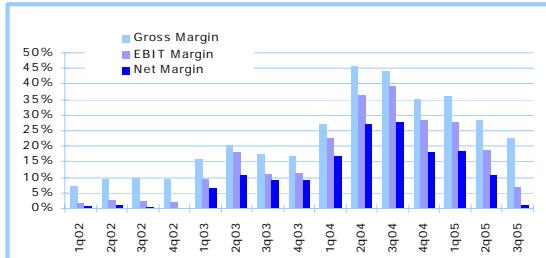
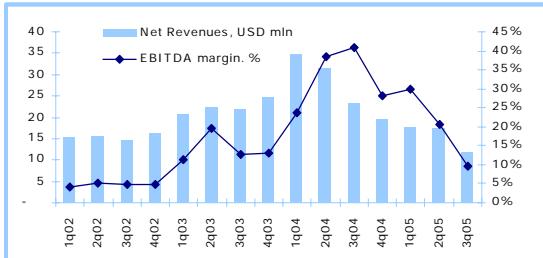
ALKZ – Quarterly



ROA and ROE are annualized

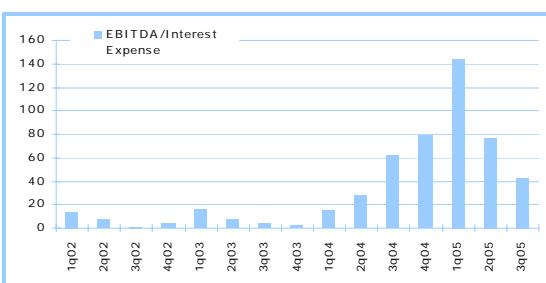
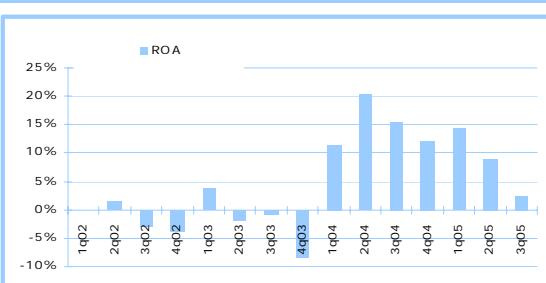
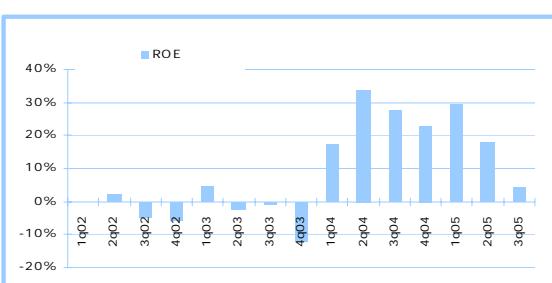
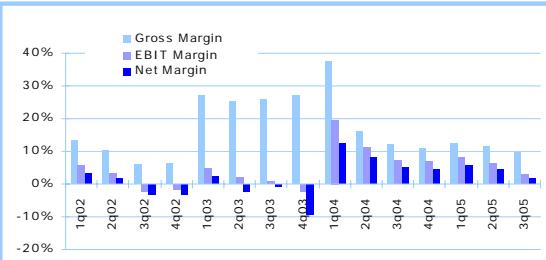


DKOK – Quarterly



ROA and ROE are annualized

YASK – Quarterly



ROA and ROE are annualized

Concorde Capital
3V Sportyvna Square
2nd entrance, 3rd floor
Kyiv 01023, UKRAINE

Tel +380 44 207 5030
Fax: +380 44 206 8366
www.concorde.com.ua
office@concorde.com.ua

CEO
Igor Mazepa

im@concorde.com.ua

Managing Partner
John David Suggitt

js@concorde.com.ua

Director, Equity Sales
Peter Bobrinsky

pb@concorde.com.ua

Equity Sales
Marina Martirosyan
Lucas Romriell
Alexis Stenbock-Fermor
Anastasiya Nazarenko

mm@concorde.com.ua
lr@concorde.com.ua
ASF@concorde.com.ua
an@concorde.com.ua

Director of Research
Konstantin Fisun, CFA

kf@concorde.com.ua

Utilities (Telecom, Energy)
Alexander Paraschiiy

ap@concorde.com.ua

Metals & Mining
Andriy Gostik
Eugene Cherviachenko

ag@concorde.com.ua
ec@concorde.com.ua

**Machine Building, Construction,
Consumer Goods**
Olga Pankiv

op@concorde.com.ua

Banking & Macroeconomics, Retail
Alexander Viktorov

av@concorde.com.ua

Oil & Gas, Chemicals
Vladimir Nesterenko

vn@concorde.com.ua

Politics, Editor
Nick Piazza

np@concorde.com.ua

Junior Analyst
Polina Khomenko

pk@concorde.com.ua

Disclaimer

This report has been prepared by Concorde Capital investment bank for informational purposes only. Concorde Capital does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that Concorde Capital may have a conflict of interest that could affect the objectivity of this report.

Concorde Capital, its directors and employees or clients may have or have had interests or long or short positions in the securities referred to herein, and may at any time make purchases and/or sales in them as principal or agent. Concorde Capital may act or have acted as market-maker in the securities discussed in this report. The research analysts, and/or corporate banking associates principally responsible for the preparation of this report receive compensations based upon various factors, including quality of research, investor client feedback, stock picking, competitive factors, firm revenues and investment banking revenues.

The information contained herein is based on sources which we believe to be reliable but is not guaranteed by us as being accurate and does not purport to be a complete statement or summary of the available data. Any opinions expressed herein are statements of our judgments as of the date of publication and are subject to change without notice. Reproduction without prior permission is prohibited. © 2006 Concorde Capital