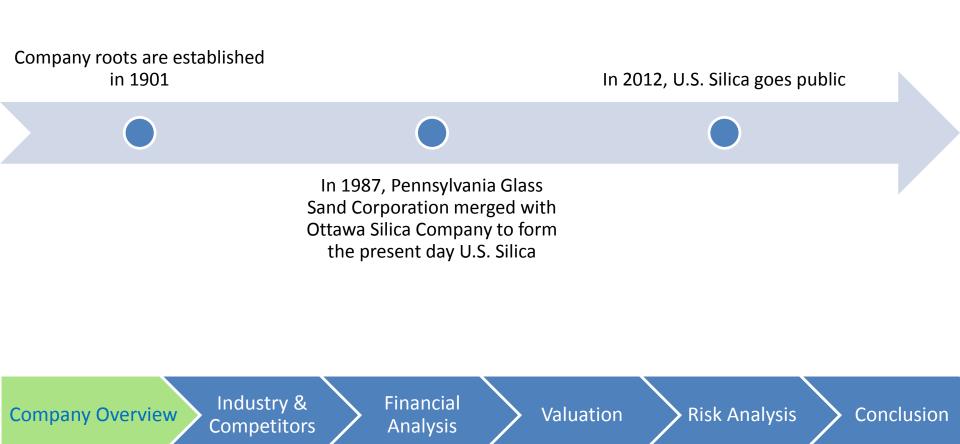
U.S. Silica Holdings Inc.

Hilton Garden Inn Washington, D.C. February 21, 2014



Business Description



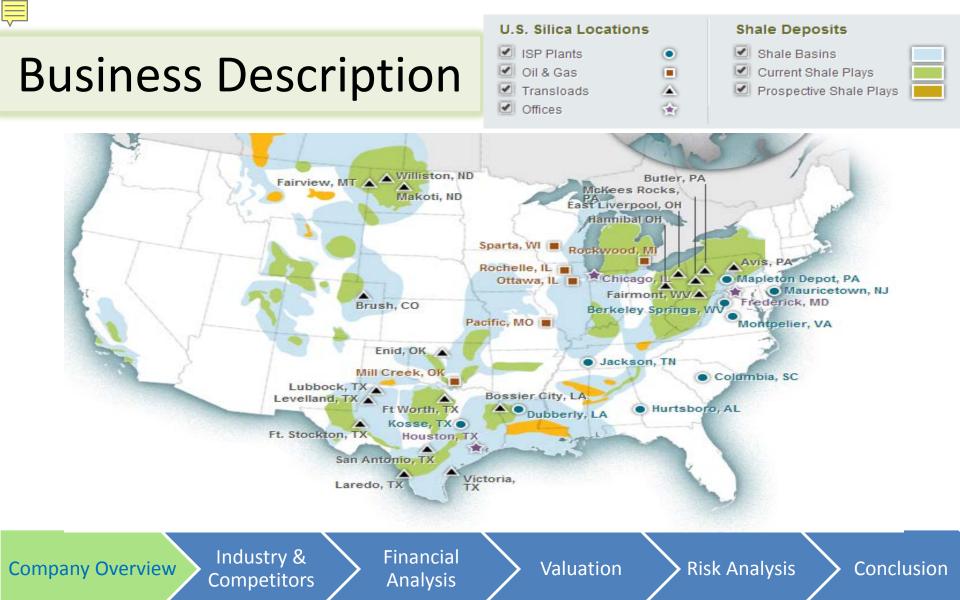
Business Description

- Two primary end markets
 - Oil and Gas
 - ISP Segment

- Operates nationwide
 - Large presence in the Marcellus Shale basin

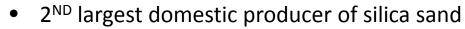


 Company Overview
 Industry & Competitors
 Financial Analysis
 Valuation
 Risk Analysis
 Conclusion



Firm Overview

Market Profile									
52-week range	\$17.05-\$37.14								
Average daily volume	1.375 mm								
As a % of sales outstanding	2.57%								
Shares outstanding	53.5 mm								
Market Capitalization	1,583.3 mm								
Institutional Ownership	95.67%								
ROE	30.70%								
ROA	10.40%								
ROC	15.70%								
P/E	19.0								
Beta	1.66								



- SLCA is made up of two segments:
 - Oil & Gas Proppants
 - Industrial & Specialty Products (ISP)

Industry &

Competitors

Company Overview

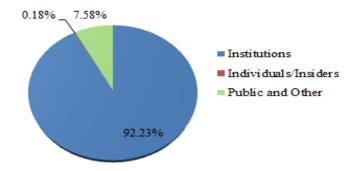
Financial Analysis

Valuation

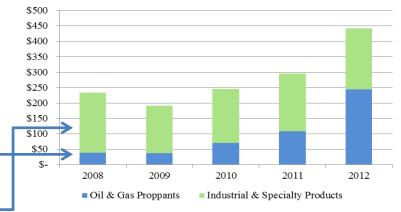
Risk Analysis

• Conclusion

Ownership Breakdown



Revenue by Segment (mm)



Recommendation



Competitors

Analysis

Key drivers

- Near capacity operations of the Sparta facility
- Finished construction of the LaSalle facility
- Aggressive logistical expansion
- More optimistic macroeconomic outlook

Risk Analysis

Conclusion

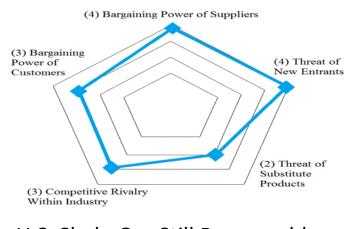
 Roll-out of new Industrial & Specialty Products

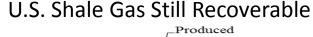
Valuation



Industry Overview & Competitive Positioning

Industry Overview







Key characteristics of the frac sand market:

- High entry barriers
- Price driven alternatives still fiscally unpopular, yet warrant attention
- Recently more competitive on national scale given logistics battles
- Logistics is key differentiator in established supply chains, giving most leverage to suppliers

Company Overview

Industry & Competitors

Financial Analysis

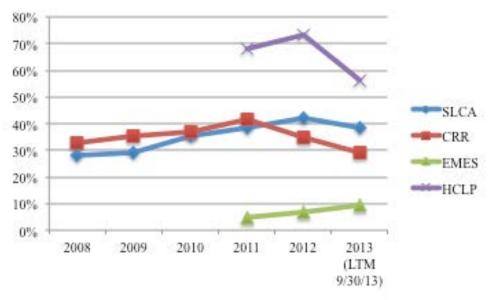
Valuation

Risk Analysis

SLCA vs. Competitors

- US Silica
- CARBO Ceramics
- Emerge Energy Services
- Hi-Crush Partners

Gross Profit Margin Analysis







Financial Analysis

Financial Analysis

- EBITDA Drivers
 - Oil & Gas Sales volume
 - Logistics growth

Industry &

Competitors

Company Overview

Improvement in CM of ISP segment

Financial

Analysis

 A gradual sales mix to the more profitable O&G business segment

Valuation

Conclusion

Risk Analysis

Financial Analysis

- Revenue Drivers
 - Increase in demand for silica sand in different end markets
 - Increase in production capabilities, Sparta,
 Greenfield
 - Logistical expansion into previously untapped markets





Valuation

DCF Valuation

- DCF Analysis
 - Revenue Growth rates calculated based on earnings calls, increase in production capacity volume, and macroeconomic outlook

Fiscal Year	2013	2014	2015	2016	2017	2018
Forecasted Growth	24%	28%	12%	16%	17%	19%

Terminal Value calculated using perpetuity growth of 5%



Valuation Assumptions

- Limited historical data:
 - Revenue: sequential growth rates based on historical averages
 - Quarterly sales volume projected from historical capacity sales %
 - Historical segmented revenues retroactively derived from 2012 O&G growth rates

Industry &

Competitors

 Subtract O&G revenue from total yields ISP revenue

WACC assumptions

Target D/E Ratio	1.08
Cost of Debt	3%
Tax Rate	25%
Risk Free Rate	3.50%
Beta	1.66
Market Premium	8.75%

WACC computed at 12.4%

Company Overview

Financial Analysis

Valuation

Risk Analysis



WACC and Sensitivity Analysis

\$39.70	10.9%	11.4%	11.9%	12.4%	12.9%	13.4%	13.9%
3.5%	\$41.45	\$38.43	\$35.76	\$33.40	\$31.28	\$29.38	\$27.66
4.0%	\$44.28	\$40.86	\$37.88	\$35.25	\$32.91	\$30.83	\$28.96
4.5%	\$47.54	\$43.64	\$40.28	\$37.33	\$34.74	\$32.44	\$30.39
5.0%	\$51.36	\$46.86	\$43.02	\$39.70	\$36.80	\$34.24	\$31.98
5.5%	\$55.88	\$50.63	\$46.20	\$42.41	\$39.14	\$36.28	\$33.76
6.0%	\$61.32	\$55.09	\$49.91	\$45.55	\$41.81	\$38.58	\$35.76
6.5%	\$68.00	\$60.46	\$54.32	\$49.21	\$44.90	\$41.22	\$38.04

Company Overview

Industry & Competitors

Financial Analysis

Valuation

Risk Analysis



Main Drivers

	20)11			20)12			20	013			20	014			2	015	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
0.43	0.54	0.46	0.59	0.68	0.68	0.66	0.79	0.92	0.99	1.05	1.10	1.31	1.39	1.46	1.47	1.48	1.49	1.50	1.51
NM	NM	NM	NM	0.94	0.94	0.94	0.94	0.94	1.15	1.15	1.15	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53
1.04	1.11	1.10	1.10	1.06	1.09	1.10	0.97	0.97	1.06	1.10	1.12	1.13	1.15	1.17	1.19	1.20	1.22	1.24	1.26
1.50	1.64	1.60	1.60	1.70	1.80	1.90	1.80	1.90	2.00	2.10	2.22	2.44	2.54	2.63	2.66	2.68	2.71	2.74	2.77
	20)11			20	012			20	013			20	014			2	015	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
\$20.8	\$22.5	\$24.3	\$45.9	\$53.8	\$54.5	\$64.5	\$70.9	\$73.6	\$77.7	\$94.2	\$101.2	\$113.7	\$125.9	\$139.2	\$144.7	\$140.5	\$146.3	\$159.8	\$169.4
8%	8%	8%	47%	17%	1%	18%	10%	4%	6%	21%	7%	12%	11%	11%	4%	-3%	4%	9%	6%
44	46	49	38	49	50	51	48	49	52	52	49	45	47	45	42	48	51	42	40
10%	6%	6%	-23%	29%	3%	2%	-6%	2%	7%	0%	-6%	-8%	5%	-5%	-6%	15%	5%	-17%	-6%
	20)11			20	012			20	013			20	014			2	015	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
\$47.9	\$42.0	\$52.8	\$77.8	\$79.2	\$79.7	\$97.3	\$90.2	\$80.0	\$78.6	\$89.7	\$92.0	\$86.8	\$90.6	\$95.3	\$98.4	\$94.9	\$98.2	\$106.6	\$112.2
\$42.3	\$42.0	\$44.7	\$34.3	\$46.0	\$46.0	\$46.5	\$49.2	\$50.5	\$49.2	\$47.5	\$43.9	\$39.6	\$41.0	\$38.2	\$35.4	\$40.2	\$41.6	\$34.0	\$31.5
\$64.6	\$74.1	\$73.5	\$83.6	\$102.6	\$104.6	\$115.9	\$118.8	\$122.3	\$129.8	\$144.4	\$150.3	\$158.7	\$173.0	\$183.8	\$186.6	\$184.0	\$192.0	\$202.0	\$209.0
	20)11			20)12			20	013			20	014			2	015	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
\$11.5	\$16.7	\$15.6	\$23.8	\$35.1	\$33.3	\$34.2	\$37.5	\$36.2	\$35.5	\$40.1	\$42.1	\$46.3	\$44.5	\$45.8	\$47.6	\$48.1	\$50.5	\$52.1	\$57.8
-	45%	-7%	53%	47%	-5%	3%	10%	-3%	-2%	13%	5%	10%	-4%	3%	4%	1%	5%	3%	11%
\$9.9	\$14.8	\$13.7	\$14.5	\$12.4	\$14.0	\$14.1	\$13.0	\$13.2	\$15.4	\$14.5	\$14.4	\$13.4	\$17.0	\$16.3	\$16.1	\$15.1	\$19.0	\$18.2	\$18.1
-	49%	-7%	6%	-14%	13%	1%	-8%	2%	17%	-6%	-1%	-6%	26%	-4%	-1%	-6%	26%	-4%	-1%
	0.43 NM 1.04 1.50 Q1 \$20.8 8% 44 10% Q1 \$47.9 \$42.3 \$64.6 Q1 \$11.5 - \$9.9	Q1 Q2 0.43 0.54 NM NM 1.04 1.11 1.50 1.64 20 20 \$20.8 \$22.5 8% 8% 44 46 10% 6% 20 \$42.0 \$47.9 \$42.0 \$64.6 \$74.1 20 \$42.3 \$64.6 \$74.1 20 \$11.5 \$11.5 \$16.7 - 45% \$9.9 \$14.8	0.43 0.54 0.46 NM NM NM 1.04 1.11 1.10 1.50 1.64 1.60 1.50 1.64 1.60 2011 Q1 Q2 Q3 \$20.8 \$22.5 \$24.3 8% 8% 8% 44 46 49 10% 6% \$52.8 \$44 46 49 10% \$20.8 \$52.5 \$47.9 \$42.0 \$52.8 \$42.3 \$42.0 \$44.7 \$64.6 \$74.1 \$73.5 \$64.6 \$74.1 \$73.5 \$64.5 \$74.1 \$73.5 \$64.5 \$16.7 \$15.6 \$11.5 \$16.7 \$15.6 \$9.9 \$14.8 \$13.7	Q1 Q2 Q3 Q4 0.43 0.54 0.46 0.59 NM NM NM NM 1.04 1.11 1.10 1.10 1.50 1.64 1.60 1.60 Z011 Q1 Q2 Q3 Q4 \$20.8 \$22.5 \$24.3 \$45.9 8% 8% 8% 47% 44 46 49 38 10% 6% 6% -23% 2011 Z011 Z011 Z014 Q1 Q2 Q3 Q4 \$47.9 \$42.0 \$52.8 \$77.8 \$42.3 \$42.0 \$54.8 \$77.5 \$83.6 Z011 Q1 Q2 Q3 Q4 \$47.9 \$42.0 \$52.8 \$77.8 \$64.6 \$74.1 \$73.5 \$83.6 Z011 Z01 Z02	Q1 Q2 Q3 Q4 Q1 0.43 0.54 0.46 0.59 0.68 NM NM NM NM 0.94 1.04 1.11 1.10 1.10 1.06 1.50 1.64 1.60 1.60 1.70 Z011 Z011 Z01 Q2 Q3 Q4 Q1 \$20.8 \$22.5 \$24.3 \$45.9 \$53.8 8% 8% 47% 17% 44 46 49 38 49 10% 6% 6% -23% 29% 2011 2011 2011 20% 21 21 21 Q1 Q2 Q3 Q4 Q1 34.00 \$52.8 \$77.8 \$79.2 \$47.9 \$42.0 \$52.8 \$77.5 \$83.6 \$102.6 \$102.6 \$242.3 \$42.0 \$54.7 \$34.3 \$46.0 \$46.0 \$26.6 \$74.1 \$73.5 \$83.6 \$10	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c } \mathbf{Q1} & \mathbf{Q2} & \mathbf{Q3} & \mathbf{Q4} & \mathbf{Q1} & \mathbf{Q2} & \mathbf{Q3} \\ \hline \mathbf{Q.43} & 0.54 & 0.46 & 0.59 & 0.68 & 0.68 & 0.66 \\ \hline \mathbf{NM} & \mathbf{NM} & \mathbf{NM} & \mathbf{NM} & 0.94 & 0.94 & 0.94 \\ \hline 1.04 & 1.11 & 1.10 & 1.10 & 1.06 & 1.09 & 1.10 \\ \hline 1.50 & 1.64 & 1.60 & 1.60 & 1.70 & 1.80 & 1.90 \\ \hline \hline 2011 & \mathbf{Q2} & \mathbf{Q3} & \mathbf{Q4} & \mathbf{Q1} & \mathbf{Q2} & \mathbf{Q3} \\ \hline \mathbf{S20.8} & \mathbf{S22.5} & \mathbf{S24.3} & \mathbf{S45.9} & \mathbf{S53.8} & \mathbf{S54.5} & \mathbf{S64.5} \\ \hline \mathbf{8\%} & \mathbf{8\%} & \mathbf{8\%} & 47\% & 17\% & 1\% & 18\% \\ \hline 44 & 46 & 49 & 38 & 49 & 50 & 51 \\ \hline \mathbf{10\%} & \mathbf{6\%} & \mathbf{6\%} & \mathbf{-23\%} & \mathbf{29\%} & \mathbf{3\%} & \mathbf{2\%} \\ \hline $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 0.43 0.54 0.46 0.59 0.68 0.68 0.66 0.79 0.92 0.99 NM NM NM NM 0.94 0.94 0.94 0.94 0.94 1.15 1.04 1.11 1.10 1.10 1.06 1.09 1.10 0.97 0.97 1.06 1.50 1.64 1.60 1.60 1.70 1.80 1.90 1.80 1.90 2.00 2011 Z Q3 Q4 Q1 Q2 Q3	Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q3 Q4 Q1 Q2 Q3 Q.99 1.05 NM NM NM NM NM Q.94 0.94 0.94 0.94 0.94 0.94 0.94 1.15 1.15 1.04 1.11 1.10 1.10 1.06 1.09 1.10 0.97 0.97 1.06 1.10 1.50 1.64 1.60 1.60 1.70 1.80 1.90 1.80 1.90 2.00 2.10 201 Z Q3 Q4 Q1 Q2 Q3 Q4 Q	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $

Company Overview

Industry & Competitors

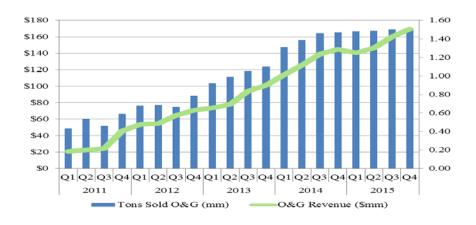
Financial Analysis

Valuation

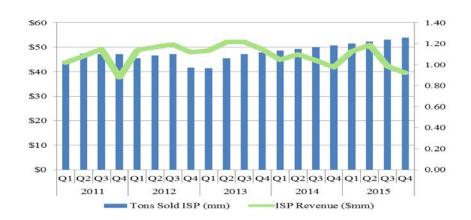
Risk Analysis

Segmented Revenue v. Tons Sold

O&G Revenue v. Tons Sold

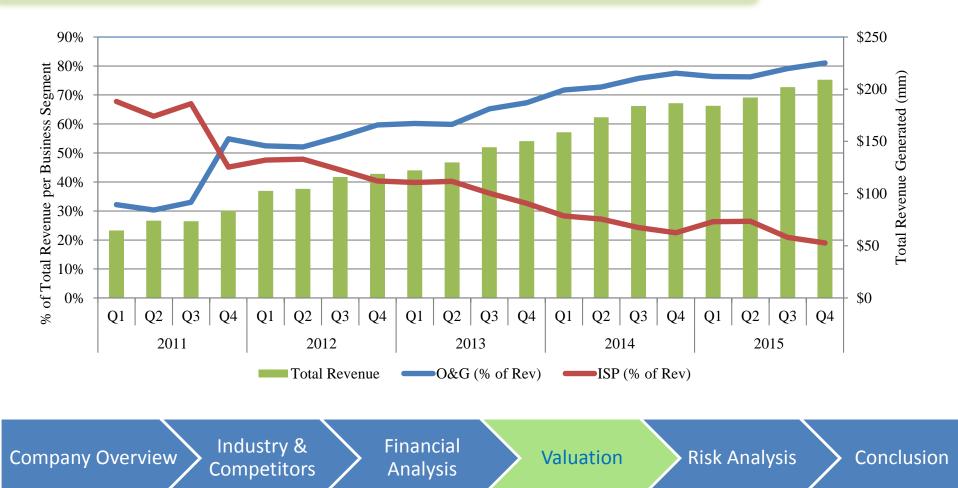


ISP Revenue v. Tons Sold



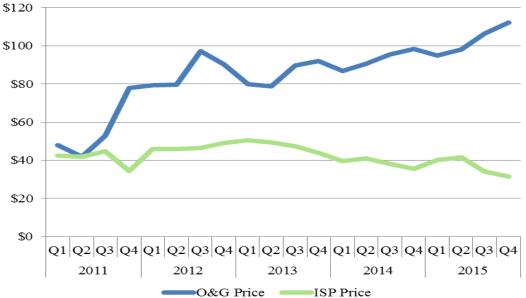


Segmented Revenue Percentage



Segmented Prices





Team Estimates	1 Year Projection
EV/Sales	3.62x
EV/EBITDA	12.05x
EV/EBIT	14.46x
Forward P/E	19x
EPS	\$2.06

Company Overview Competitors

Financial Analysis

Valuation

Risk Analysis



Risk Analysis



Pricing & Emissions

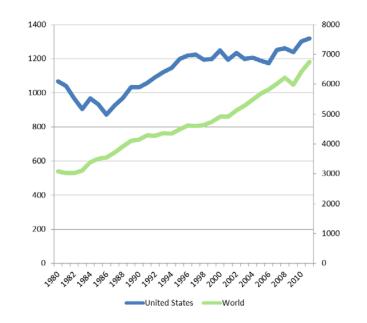
Prices Affecting the Production and Distribution Processes



Industry &

Competitors

CO2 Emissions from the Consumption and Flaring of Natural Gas



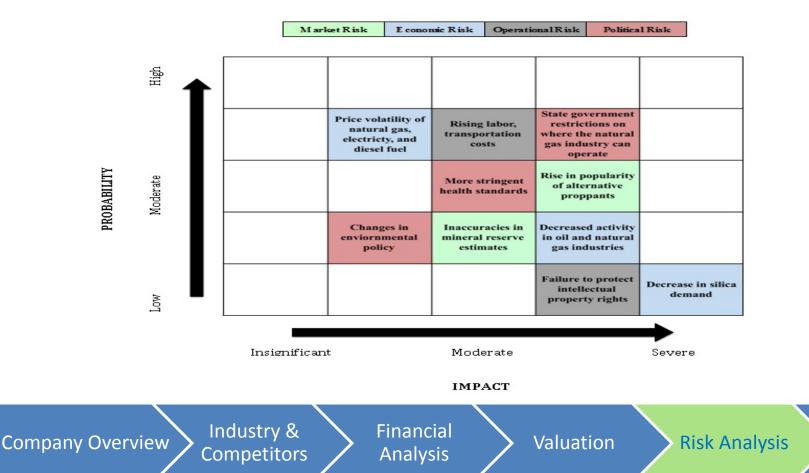
Company Overview 💙

Financial Analysis

Valuation

Risk Analysis

Risk Matrix





Main Drivers



U.S. Silica Holdings Inc.

Hilton Garden Inn Washington, D.C. February 21, 2014

Income Statement	2009 A	2010 A	2011 A	2012 A	2013 E	2014 E	2015 E	2016 E	2017 E	2018 E
Total Revenue	191.6	245.0	295.6	441.9	546.8	702.1	787.0	912.9	1068.1	1271.1
Cost of Sales & Service	136.2	158.0	181.2	256.5	328.1	421.3	472.2	547.8	640.9	762.6
Gross Profit	55.4	87.0	114.4	185.4	218.7	280.8	314.8	365.2	427.2	508.4
SG&A Expense	15.2	20.9	35.2	44.7	54.7	70.2	78.7	91.3	106.8	127.1
Depreciation & Amort	17.9	19.3	21.0	25.1	29.7	35.0	38.3	43.8	50.7	59.3
Operating Income	22.3	46.8	58.2	115.6	134.3	175.6	197.8	230.1	269.8	322.0
Interest Expenses	-28.2	-23.0	-18.3	-13.6	-14.4	-14.4	-33.9	-37.6	-43.6	-51.2
Other Non-Operating Income	4.8	0.9	1.0	4.4	4.3	4.3	4.3	4.3	4.3	4.3
Unusual Items	3.3	-11.0	-3.4	3.4	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9
Earnings Before Taxes (EBT)	2.2	13.7	37.5	109.8	122.3	163.6	166.2	194.9	228.6	273.2
TaxExpenses	-3.3	2.3	7.2	30.7	27.1	36.7	36.2	42.5	50.1	59.6
Net Income (NI)	5.5	11.3	30.3	79.2	80.6	110.1	108.6	127.4	150.2	178.9
Adjusted EBITDA	40.2	66.1	79.2	140.7	164.0	210.6	236.1	273.9	320.4	381.3

Balance Sheet	2009 A	2010 A	2011 A	2012 A	2013 E	2014 E	2015 E	2016 E	2017 E	2018 E
Assets										
Cash and Cash Equivalents	14.5	64.5	59.2	61.0	153.7	187.6	207.9	241.2	283.1	336.1
Receivables	31.8	32.2	50.5	59.6	74.7	91.2	101.0	117.2	137.6	163.3
Inventories	23.3	22.4	29.3	39.8	59.1	72.2	80.0	92.8	108.9	129.3
Other Current Assets	6.9	7.7	36.6	16.8	23.4	20.8	20.8	20.8	20.8	20.8
Current Assets	76.5	126.9	175.6	177.3	310.9	371.8	409.7	471.9	550.4	649.5
Long-Term Investments	90.4	87.5	87.1	87.5	90.5	88.2	88.2	88.2	88.2	88.2
Net PPE	285.2	283.0	328.4	409.1	431.7	527.1	584.1	677.5	795.4	944.2
Other-Non Current Assets	11.9	11.2	14.7	13.0	15.3	13.2	13.2	13.2	13.2	13.2
Total Assets	464.0	508.5	605.8	686.8	848.5	1000.4	1095.2	1250.9	1447.3	1695.1
Liabilities and Shareholer Equity										
Short-Term Borrowing	1.2	3.7	5.6	5.4	3.7	3.7	3.7	3.7	3.7	3.7
Accounts Payable and Accrued Exp.	16.8	21.1	48.1	46.8	51.4	62.8	69.5	80.7	94.7	112.4
Other Current Liabilities	5.5	8.0	16.8	27.9	10.4	10.0	10.0	10.0	10.0	10.0
Total Current Liabilities	23.5	32.8	70.5	80.1	65.5	76.4	83.2	94.3	108.3	126.1
Long-Term Liabilities	177.6	251.9	270.4	253.0	368.8	444.6	467.5	535.6	627.9	750.6
Other Non-Current Liabilities	135.8	126.2	143.0	122.0	126.5	125.6	125.6	125.6	125.6	125.6
Total Liabilities	336.9	411.0	483.9	455.1	560.9	646.7	676.4	755.6	861.9	1002.3
Shareholders Equity & Paid-Up Capital	127.1	103.0	104.3	164.1	172.6	172.6	172.6	172.6	172.6	172.6
Retained Earnings	3.7	-0.2	30.0	82.7	128.2	194.3	259.4	335.9	426.0	533.3
Other Components of Equity	-3.8	-5.2	-12.4	-15.2	-13.1	-13.1	-13.1	-13.1	-13.1	-13.1
Total Equity	127.0	97.6	121.9	231.6	287.7	353.7	418.9	495.3	585.4	692.7
Total Liabilities and SH Equity	464.0	508.6	605.8	686.8	848.5	1000.4	1095.2	1250.9	1447.3	1695.1

Statement of Cash Flows	2009 A	2010 A	2011 A	2012 A	2013 E	2014 E	2015 E	2016 E	2017 E	2018 E
Cash flow from operation										
Net Income	5.5	11.3	30.3	79.2	80.6	110.1	108.6	127.4	150.2	178.9
Depreciation and Amortization	17.9	19.3	21.0	25.1	33.5	30.0	32.9	37.5	43.4	50.9
Other Non-Cash Adjustments	-6.0	1.3	-5.2	-4.7	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1
Changes in Non-Cash Capital	-3.5	4.7	-3.5	1.4	-51.7	-10.5	-10.5	-10.5	-10.5	-10.5
Total cash from operation	13.9	36.7	42.7	101.0	60.3	127.4	128.8	152.3	181.0	217.1
Cash flow from investing										
Net CAPEX	-13.4	-15.2	-66.8	-105.7	-77.7	-64.1	-56.7	-62.4	-68.7	-75.5
Disposal of Fixed Assets	0.0	0.1	0.1	1.3	0.2	0.4	0.4	0.4	0.4	0.4
Other Investing Activities	-	-	-	-	-25.0	-	-	-	-	-
Total cash from investing	-13.3	-15.2	-66.6	-104.5	-102.5	-63.7	-56.3	-62.0	-68.3	-75.1
Cash flow from financing										
Dividend Paid	-	-51.6	-	-26.5	-6.6	-	-	-	-	-
Total Debt Issued	3.3	83.4	264.9	-	372.9	125.1	94.8	125.3	80.0	52.8
Total Debt Repaid	-3.5	-11.2	-240.5	-6.7	-264.0	-170.4	-147.0	-193.8	-170.4	-170.4
Issuance of Common Stock	-	11.8	-	50.1	6.6	-	-	-	-	-
Other Financing Activities	-0.1	-3.9	-5.6	-10.5	-3.7	-5.9	-6.4	-6.6	-5.7	-6.2
Total cash from financing	-0.3	28.5	18.8	6.4	105.2	-51.2	-58.7	-75.2	-96.1	-123.7
Net change in cash	0.3	50.0	-5.2	2.9	62.9	12.5	13.8	15.1	16.6	18.2
Beginning Cash		14.5	64.5	59.2	61.0	128.7	141.2	155.0	170.1	186.7
Ending Cash	14.5	64.5	59.2	61.0	128.7	141.2	155.0	170.1	186.7	204.9

Period End Date							
USD (Millions)	2012 A	2013 E	2014 E	2015 E	2016 E	2017 E	2018 E
Discounted Cash Flow (DCF) Valuation Analysis							
Revenue	441.9	546.8	702.1	787.0	912.9	1068.1	1271.1
Adjusted EBITDA	140.7	164.0	210.6	236.1	273.9	320.4	381.3
(+) Depreciation and Amortization	25.1	29.7	35.0	38.3	43.8	50.7	59.3
(-) Net Increase in Working Capital	7.9	-148.2	-50.0	-31.1	-51.1	-64.5	-81.3
(-) CapEx	-80.7	-22.6	-95.4	-56.9	-93.5	-117.9	-148.7
Free Cash Flow	93.1	22.8	100.2	186.4	173.1	188.7	210.6
EBITDA Margin	32%	30%	30%	30%	30%	30%	30%
FCF/EBITDA	66%	14%	48%	79%	63%	59%	55%
	20	013 E	2014 E	2015 E 2	016 E 2	2017 E 2	018 E
Year for Value of CF			0	1	2	3	4
Discounted Cash Flows	\$	22.8	\$ 100.2	\$ 165.8	\$ 137.0 \$	\$ 132.9	\$ 131.9

Critical Driver Assumptions									
Valuation Period	1 Year Forecast								
Tax Rate	25%								
5Y CAGR (2013-2018)	18.4%								
WACC	12.40%								
Perpetual Growth Rate	5.0%								

SLCA	
РТ	\$ 39.70

WACC Computation					
Beta	1.66				
Risk Free Rate	3.50%				
After Tax Debt	2.25%				
Debt/Capital	32.1%				
Equity Capital	67.9%				
Capital	\$2,341.45				
Cost of Equity	17.20%				
Risk Premium	8.25%				
WACC Computation	12.40%				
Market Cap	\$1,590.80				
Debt	\$750.65				
Check	100.0%				

Per Share Calcuation					
Terminal Value	\$2,986.31				
NPV of TV	\$1,870.73				
PV FCF	\$667.86				
Enterprise Value	\$2,538.59				
Debt	\$750.65				
Cash (2018)	\$336.07				
Equity Value	\$2,124.02				
Fully Diluted Shares	53.5				
Equity Value Per Share	\$39.70				

Implied Terminal EBITDA Mutiple				
2018 Unlevered FCF	\$210.57			
Perpetual Growth Rate	5%			
Terminal FCF	\$221.10			
WACC - Terminal	12.40%			
Enterprise	\$2,986.31			
EBITDA Multiple	7.8x			

Key Financial Ratios										
	2009A	2010A	2011A	2012A	2013E	2014E	2015E	2016E	2017E	2018E
Liquidity Ratios										
Current Ratio	3.26	3.86	2.49	2.21	4.75	4.87	4.93	5.00	5.08	5.15
Quick Ratio	2.64	1.90	1.65	1.45	2.40	2.41	2.43	2.45	2.47	2.49
Cash Ratio	0.62	1.96	0.84	0.76	2.35	2.46	2.50	2.56	2.61	2.67
Efficiency Ratios										
Total Asset Turnover	0.41	0.48	0.49	0.64	0.64	0.70	0.72	0.73	0.74	0.75
NWC Turnover	3.62	2.60	2.81	4.55	2.23	2.38	2.41	2.42	2.42	2.43
Inventory Turnover	8.23	10.93	10.09	11.09	9.25	9.73	9.84	9.84	9.81	9.83
Profitability Ratios										
Gross Profit Margin	28.9%	35.5%	38.7%	42.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
EBIT Margin	11.6%	19.1%	19.7%	26.2%	24.6%	25.0%	25.1%	25.2%	25.3%	25.3%
EBIDTA Margin	21.0%	27.0%	26.8%	31.8%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
ROA	1.2%	2.2%	5.0%	11.5%	9.5%	11.0%	9.9%	10.2%	10.4%	10.6%
ROE	4.4%	11.0%	29.1%	48.2%	46.7%	63.8%	62.9%	73.8%	87.0%	103.7%
Solvency Ratios										
Debt Ratio	38%	50%	45%	37%	43%	44%	43%	43%	43%	44%
Debt to Equity Ratio	140%	258%	222%	109%	128%	126%	112%	108%	107%	108%

			TEV/EBITDA		P/EPS	
Competitor's Name	Ownership	LTM Revenue (mm)	LTM 2014	NTM 2014	LTM 2014	NTM 2014
U.S. Silica Holdings Inc.	Public	515.4	12.23x	12.05x	20.61x	19x
Badger Mining Corporation	Private	25	-	-	-	-
CARBO Ceramics Inc. (NYSE:CRR)	Public	656.5	14.6x	12.9x	30.6x	27.3x
Emerge Energy Services LP (NYSE:EMES)	Public	1,118.58	14.2x	11.1x	41.9x	14.8x
Fairmount Minerals Ltd.	Private	47.9	-	-	-	-
Hi-Crush Partners LP (NYSE:HCLP)	Public	106.46	19.3x	13.2x	20.3x	14.1x
Preferred Proppants LLC	Private	-	-	-	-	-
Preferred Sands LLC	Private	-	-	-	-	-
Premier Silica LLC	Private	302.2	-	-	-	-
Superior Silica Sands LLC	Private	31.4	_	-	-	-
Unimin Corporation	Private	497.9	-	-	-	-

Appendices: Corp. Governance

Social Responsibility as of 2012	
Number of Employees	785
Employee Turnover (%)	8.0
Health & Safety Policy	Yes
Business Ethics Policy	Yes
Fair Remuneration Policy	No
Training Policy	No
Employee CSR Training	No
Equal Opportunity Policy	No
Human Rights Policy	No
Policy Against Child Labor	No
Employee Protection / Whistle Blower Policy	No

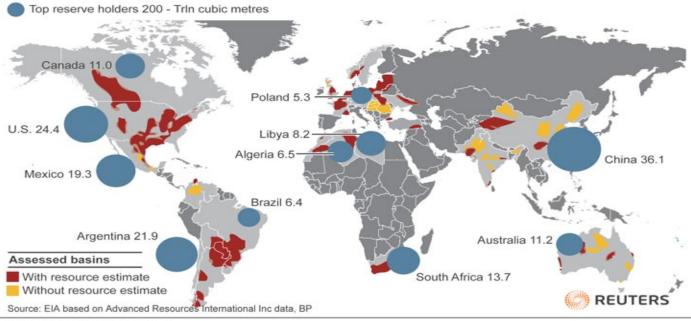
Source: Bloomberg

Corporate Governance as of 20	012
Size of the Board	7
Independent Directors	3
Board Duration	1
Number of Board Meetings	6
Attendance for Board Meetings (%)	100%

Source: Bloomberg

Criteria Based on OCED Principles	SLCA's Rating
Corporate Governance Framework	9
Shareholder Rights	8
Treatment of Shareholders	8
Role of Stakeholders	9
Disclosure and Transparency	8
Responsibilities of the Board	7

Global shale gas basins, top reserve holders



Reuters graphic/Catherine Trevethan

U.S. Silica Holdings Inc.

Hilton Garden Inn Washington, D.C. February 21, 2014