

Brazilian Gold

FEBRUARY 2017





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Competent Person Statement

The information in this report that relates to Juruena Gold Project exploration results, Posse Iron Ore Project exploration results and Borborema Gold Project exploration results released after 1 December 2013, is based on information compiled or reviewed by Mr. Robert Smakman who is a

full time employee of the company and is a Fellow of the Australasian Institute of Mining and Metallurgy. The information in this report that relates to Mineral Resources at the Juruena Gold Project is based on information compiled or reviewed by Mr. Lauritz Barnes and Mr. Aidan Platel

who are independent consultants to the company and Members of the Australasian Institute of Mining and Metallurgy. Each of Mr. Smakman, Mr. Barnes and Mr. Platel have sufficient experience that is relevant to the type of mineralisation and type of deposits under consideration to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Smakman, Mr. Barnes and Mr. Platel consent to the inclusion in the report of the matters based on this information in the form and context in which it appears. The information in this report that relates to:

- a) Borborema Gold Project and Posse Iron Ore Project Exploration Results released prior to 1 December 2013
 is based on information compiled or reviewed by Mr Robert Smakman who is a full time employee of the company;
- Borborema Gold Mineral Resources is based on information compiled by Mr Lauritz Barnes and Mr Brett
 Gossage, independent consultants to the company;
- Borborema Gold Ore Reserves is based on information compiled by Mr Linton Kirk, independent consultant to the company;
- d) Posse Fe Mineral Resources is based on and accurately reflects, information compiled by
 Mr Bernardo Viana who is a full time employee of Coffey Mining Pty Ltd,

and who are all Members of the Australasian Institute of Mining and Metallurgy (Rob Smakman and Linton Kirk being Fellows), and who all have sufficient experience that is relevant to the type of mineralisation and type of deposit under consideration, and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Each of Mr Smakman, Mr Lauritz Barnes, Mr Kirk, Mr Viana and Mr Brett Gossage consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

This information was prepared and disclosed under the JORC Code 2004. It has not been updated since to comply with JORC Code 2012 on the basis that the information has not materially changed since it was last reported..

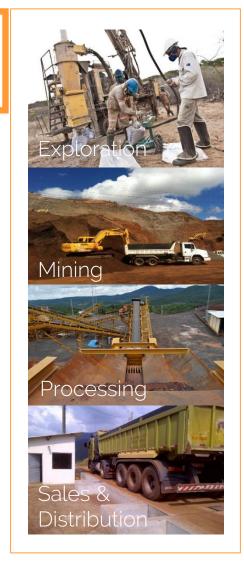
Crusader Resources

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Advanced Projects Proven Experience

- Discovered, developed and operate in Brazil
 12+ years in country experience.
- Proven ability to advance projects from exploration to production
- Undervalued transitioning from Iron ore to Gold Production. Gold value not represented in current valuation.
- Two advanced gold projects Combined
 2.7Moz Au, Expenditure of ~ \$70M
 - Borborema 1.61Moz Au Reserve*
 2.4Moz Resource 95,000m drilled
 - Juruena 260koz Resource* 52,000m drilled PEA Q1 2017
- Management and operational team in place

Crusader's current Brazilian Operations 2017



Pipeline of Advanced Gold Projects



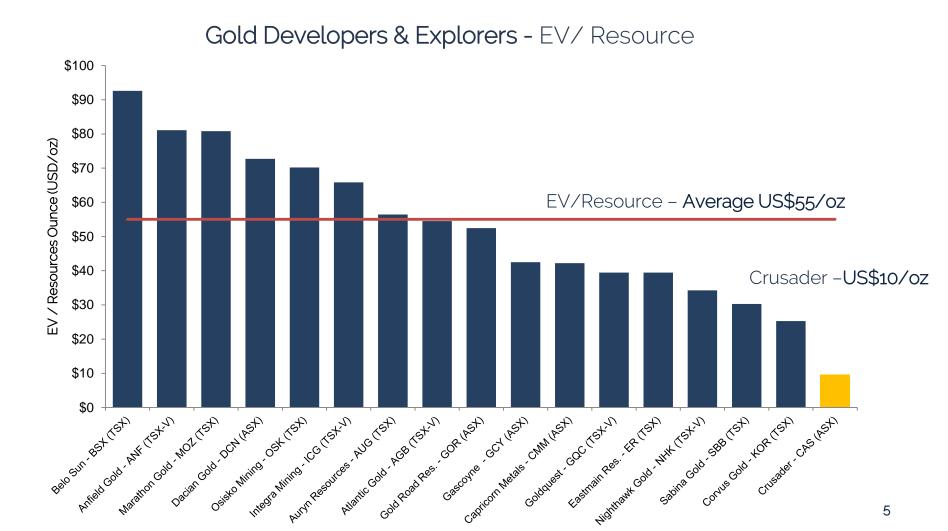


	Borborema	Juruena
Ownership	100%	100%
Stage	PFS - Final Permitting	PEA, Early Development Option
Reserve	1.6Moz	-
Resource	2.43Moz	260koz
Mining Method	Open pit Bulk Tonnage	Open pit - underground High Grade 15 g/t .
Processing Method	CIL – 2Mtpa	CIL – 100k tpa
Production Profile	~ 75koz/yr	~ 40koz/yr
LOM	10 yrs +	5 yrs
Licences	Operating Licence Granted Alteration Licence Pending	Trial Mining Licence Granted
Target	+100koz pa	+50koz pa
Infrastructure	Road, power, water, Labour	Road, Barge, Airstrip, Camp

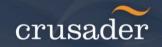
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Undervalued - Quality Projects

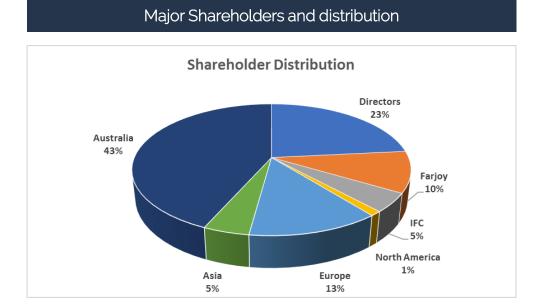
Crusader is significantly undervalued compared to its peer group of Advanced Exploration / Development stage gold companies.



Corporate Overview



ASX: CAS	
Total Ordinary Shares on Issue	300m
Options on issue ¹	42.0M
Cash (as at 31 December 2016) ²	A\$1.6m
Debt	nil
Market Capitalisation (at 11.5cps)	A\$35m
Reserves	1.6Moz
Resources	2.7Moz
Mkt Cap/Reserve (\$US)	\$16/oz
Mkt Cap/Resource (\$US)	\$10/oz





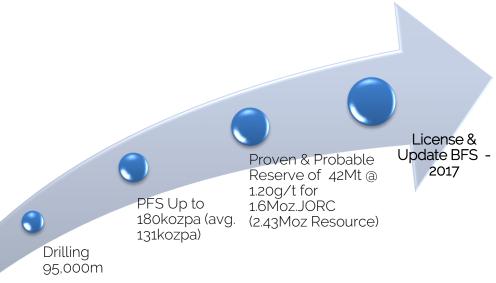
Crusader's Posse Iron Ore mine is a successful Brazilian small scale Iron ore producer. Proceeds contribute towards the development of Crusaders Gold Assets - Posse delivers Iron ore lump and fines into the Brazilian Domestic Pig Iron markets, Crusader purchased the project as a Greenfields tenement and completed all drilling, permitting, construction and operations in house, Revenue to date \$R113M

First Gold Project - Borborema - Overview

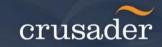


- Advanced gold project in an excellent part of Brazil. Previously produced 150koz
- Large, 100% owned, open-pittable gold mine:
 - Mineral Resource: 68.6Mt @ 1.10g/t Au for
 2.43Moz Au*
 - Ore Reserve: 42Mt @ 1.20g/t Au for 1.61Moz Au*
- All major exploration expenses complete no additional drilling required – Operating Licence granted
- Exploration potential orebody open, grade and widths increase with depth
- Strong economics ore body from surface

- Simple CIL processing delivers ~92% recoveries
- Continuous ore zone, 30-40m thick, dipping at 40° means single open pit with moderate strip ratio (Stage 1 SR of 3.3)
- Modified, staged approach nearing licence approval

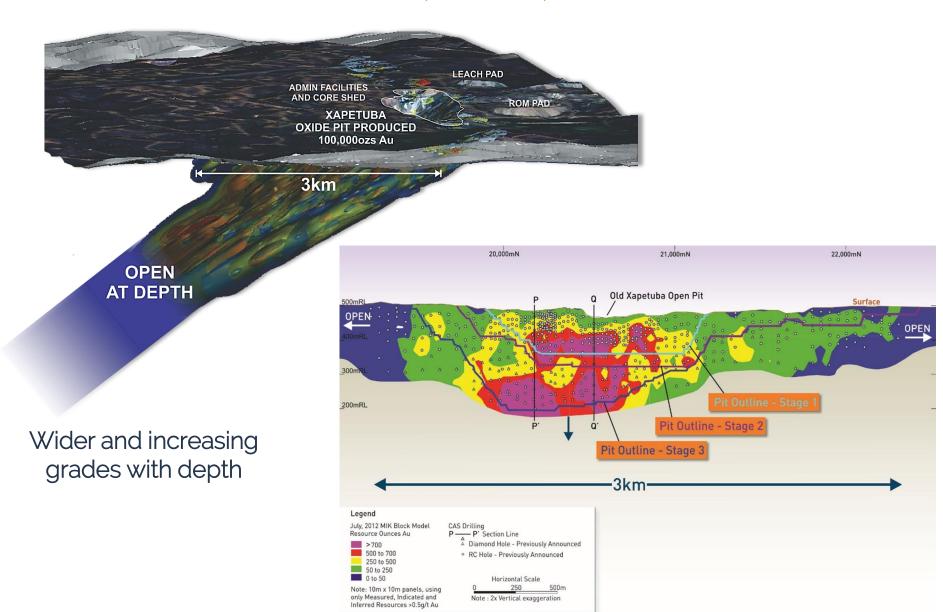


Acquisition – Crusader acquires Brazil's first heap leach project



Borborema Gold Deposit

Current Resource - 2.43Moz - Open at Depth





95,000m Drilling Since Discovery

Drilling highlights a highly continuous and reliable ore body ~ 3.5km long

- **16m @ 7.20 g/t Au** from 245m in CRDD-115
 - Including **7m @ 15.41 g/t Au** from 252m
- **16m @ 7.87 g/t Au** from 74m in CRRC-211
 - Including **3m @ 35.67 g/t Au** from 81m
- **18m @ 5.86 g/t Au** from 59m in CRRC-284
 - Including **7m @ 15.35 g/t Au** from 62m
- **17m @ 5.24 g/t Au** from 64m in CRRC-286
 - Including 4m @ 17.75 g/t Au
- **15m @ 4.91 g/t Au** from 190m in CRDD-119
 - Including **3m** @ **14.86** g/t Au
- **22m @ 3.15 g/t Au** from 104m in CRRC-215
 - including **1m @ 26.30 g/t Au** from 161m

All sample secure and stored on site

- **27m @ 8.49 g/t Au** from 278m in CRDD-138
 - including **5m @ 37.10 g/t Au**
- 26m @ 3.17 g/t Au from 301m in CRDD-141
 - including **3m @ 18.46 g/t Au from 308m**
- **26m @ 2.73 g/t Au** from 294m in CRDD-136





Borborema Gold - Studies

- Studies completed at Borborema include a Prefeasibility Study (PFS), draft Bankable Feasibility Study (BFS) and internal Scaled Development Analysis
- BFS was commissioned at a 4.2Mtpa processing rate US Spot Gold was +1450/oz.
- The BFS work suspended in 2014 due to concerns as to the US Gold Price negative movement
- Revised 2017 development plan 2Mtpa throughput focused on the upper ore lens & pit depth of ~ 180m
- Optimises the resource at current prices, minimises waste movement, reduces capital and operational costs without sterilising the future development of the deeper reserves

PFS Summary Outcomes ¹	
In-Pit recoverable resource	27Mt @ 1.39g/t for 1.18Moz
Mining throughput rate	3Mtpa
Mine Life	9 years
Strip Ratio (LOM)	4.23:1
Metallurgical recovery	96%
Annual production	Up to 180kozpa (avg. 131kozpa)
Capital cost	US\$169m
Operating expense (opex)	US\$558/oz
Total operating costs (incl depn)	US\$735/oz

- Metallurgical test work commenced;
 - Confirm process flow sheet and optimise
 - Significantly reduce the capex and opex
- Crusader has committed to advance Borborema only if market conditions are positive and reflect the true value of the project to stakeholders

Refer to ASX announcement dated 15 September 2011 'Positive Pre-Feasibility at Borborema'. This document contained all the relevant disclosures at the time of PFS

Changes – How We Plan to Accelerate Development

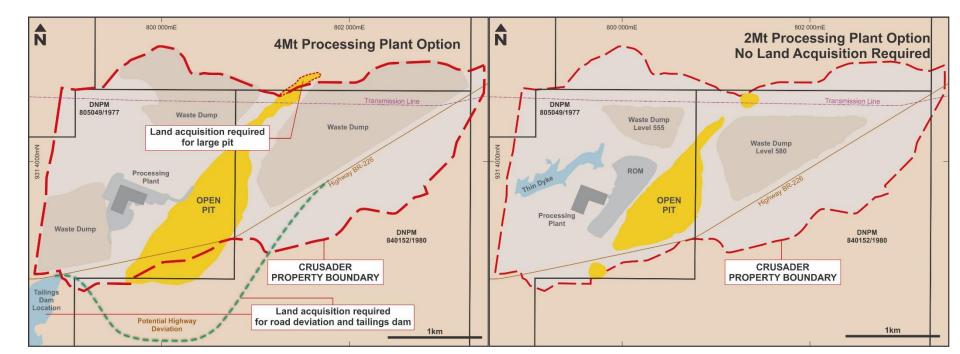


- Throughput rate 2Mtpa previously 4.2Mtpa
 - Significant initial and sustaining Capex reductions
 - Strip Ratio falls from 6.6 to 3.3- Waste movement alone falls 75% 280Mt to 64Mt.
- 2. Successful tailings testwork demonstrates dry stacking (co-deposition) is a viable option with significant economic and licensing implications;
 - Removal of the tailings dam- savings in initial and sustaining capital
 - Project water balance is confirmed better recycling
 - Licensing is facilitated- environmentally more acceptable
- 3. Water Management Lower throughput rate & tailings treatment means there is sufficient water available from the existing treated water licence at Currais Novos
- 4. Project footprint within Crusader farm limits Reduced land acquisition & licensing costs
- 5. Avoiding the deviation of the power lines Reduced capital costs & time delays
- 6. Avoiding the highway deviation Reduced capital costs & approval process delays

New Mine Plan Allows Development



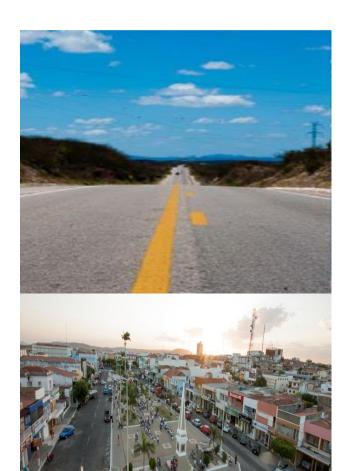
- Borborema is a large gold project that can be developed in logical stages
- Stage 1 Borborema is expected to have a mine life between 8 and 10 years
- Simplified project development plan reduces capital costs and facilitates licensing which is in the final stages
- Stage 2 expansion to access the deeper (and still open) reserves and resources are not sterilised and are an option on the gold price
- Approvals for Stage 2 to be addressed during mining operations



Excellent Infrastructure



- Borborema is in an ideal location for a mine development,
 and has no competing land use CAS 100% land owner
- High level of existing support infrastructure:
 - Bitumen highway to mine gate (BR226), 140km to city (and port) of Natal
 - Grid power lines traverse Crusader's tenements
 - 25km from mining town of Currais Novos
 - Water from town waste water treatment
- Mining-friendly regulatory environment:
 - Sudene tax concessions¹ may be available (overall tax rate of 15.25%)
 - Low government mineral royalties² currently 1%
- Available & efficient logistics, labour and power infrastructure can significantly reduce project development and execution risk



¹A federal government economic stimulus scheme, called Sudene, provides significant benefits for businesses operating in the north east of Brazil, including Rio Grande do Norte. The scheme was introduced to boost economic activity in a relatively impoverished area of Brazil. Company tax rates are reduced from 34% to 15.25% for a period of 10 years. Other benefits include reduction in the rates of taxes such as goods and services taxes, sales taxes and import duties.

²The current rate of government royalty is 1% of sales revenue. There is also a 0.5% royalty payable to the landowners. Note that Crusader owns a number of farms in the immediate area including the one that covers the central part of the ore body.

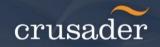
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Economics in Brazil - It is time to develop Gold!

- There has been a significant movement in the Brazilian Real against the USD as well as the physical USD Gold
 Price
- Capital and operating costs will benefit from the exchange devaluation for locally sourced materials and services
- Global mining downturn positively impacts Brazilian cost profile due increased availability of skilled labour and price reductions available due to the depressed mining market and pressure on suppliers of services, equipment and consumables
- Sustained drop in the international oil price per barrel Diesel price a significant savings



Current Borborema Work Program



- Complete final licensing requirements for project development
- Complete current metallurgical test work program 6 tonnes being processed ALS Perth
- Complete revised BFS & present project for funding & development

Milestone	4Q 2016	1Q 2017	2Q 2017	3Q 2017	4Q 2017
Borborema Gold Project					
Mining and Environmental Permits	✓	✓			
Metallurgical Testwork	✓	✓	✓		
Final Engineering and Costing			✓	✓	
Bankable Feasibility Study				✓	✓



Juruena Project - Grades up to 2,000 g/t GOLD

Juruena Gold Project

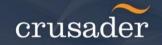




"The men of Padeiro pay for a gun, a drink or a plane ride in gold, pure gold dust, like fresh produce just drawn from the soil."

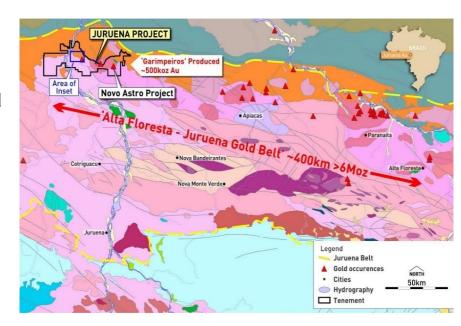


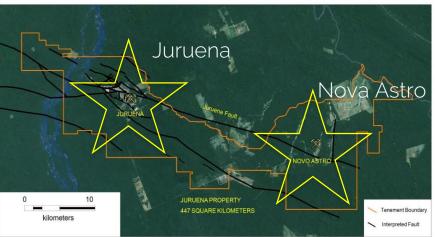




Alta Floresta Gold Belt – Massively Under Explored

- Location Alta Floresta Gold Belt Central Brazil
 - Extensive granite/felsic volcanic belt stretching
 ~400km east-west
 - 7Moz produced 1979-1997 from 40 documented gold discoveries (DNPM)
- CAS controls 100% of 2 key areas->500koz produced
 - 1. Juruena closest to production
 - 20,000 strong garimpeiro gold rush -1980s
 - Only 4 of initial 16 immediate targets tested
 - JORC 206koz @ 15 g/t Au* Open
 - Novo Astro Garimpeiros (artisanal) mining centre
 - 5km wide circular soil anomaly
 - Rock chips 264 g/t Au and 101.7 g/t Au
 - Alluvial gold mining active ~ 40 years by local Brazilian garimpeiros. (Ongoing today)
 - Potential Multi-Moz target

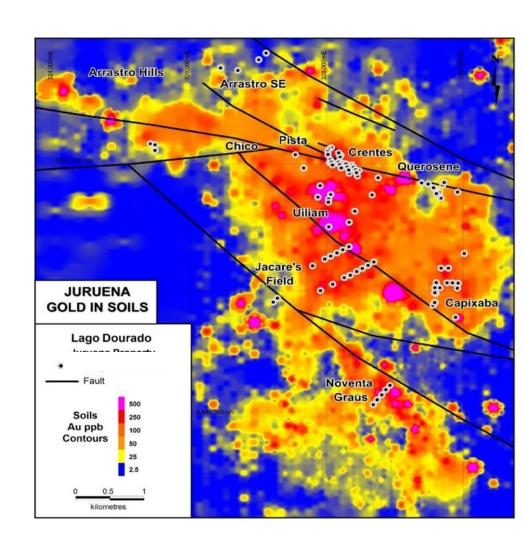






Juruena - Gold Targets - District Scale Opportunity

- Juruena gold soil anomaly is a 'giant',
 >8km long & 4km wide >50ppb
 - Footprint size suggests district of gold projects- Crusader systematically testing each area
 - Multi-element geochemistry completed on sampling, refined targeting using Cu, Ag, Bi, Mo, Fe trace elements
- Near-surface, high-grade gold mineralisation identified at Querosene, Dona Maria, Tatu and others
- Structurally controlled regional mapping identified multiple untested controlling structures (e.g. Uiliam, Mauro, Tatu)



Juruena Project - Overview



Historically – Large Porphyry Target – +10Moz Target

- 1994 1998: Explored by Madison JV
 - Diamond drilling 15,822m in 91 holes Aeromag 10,600 line km, broad spaced
- 2006: Acquisition of licences by Talon and GEOMIN - Limited Exploration
- 2009 2014: Lago Dourado (TSX(V)) JV formed and purchased Juruena, exploration between 2009 -2013
 - Soils 11, 499 samples Rock chip 802 samples;
 Auger drilling - 3,458m for 423 holes
 - RC drilling 6,618m in 90 holes Diamond
 Drilling 22,018m in 70 holes (Total pre CAS 44,458m)
 - Geophysics: Aeromag 2,600 line km, tight spaced, Gradient IP

Crusader – acquires 100% - Changes focus to Higher Grade Exploration & Short Term Production

- 2014 2015: 10,000m diamond and RC drilling
 - RC drilling 7,749m; Diamond drilling 1,863m;
 Auger drilling 995m for 111 holes
 - Metallurgical testwork > 90% for gold and silver using standard leaching
- 2015: JORC Resource estimate calculated for first 3
 Targets
 - Inferred 1.3Mt @ 5.6g/t for 234koz Au
- 2016:
 - Diamond drilling 8,000m complete
 - High grade increases to 206koz @ 14.7g/t Au*
 - Indicated resources average 18.3 g/t
 - Plant, licensing & key personnel required for initial production acquired or contracted
- 2017: Targeting high-grade gold production!

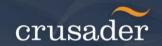
USD\$25M spent pre-Crusader – Focused on large, deep Ore-Body.

Key Infrastructure - In Place

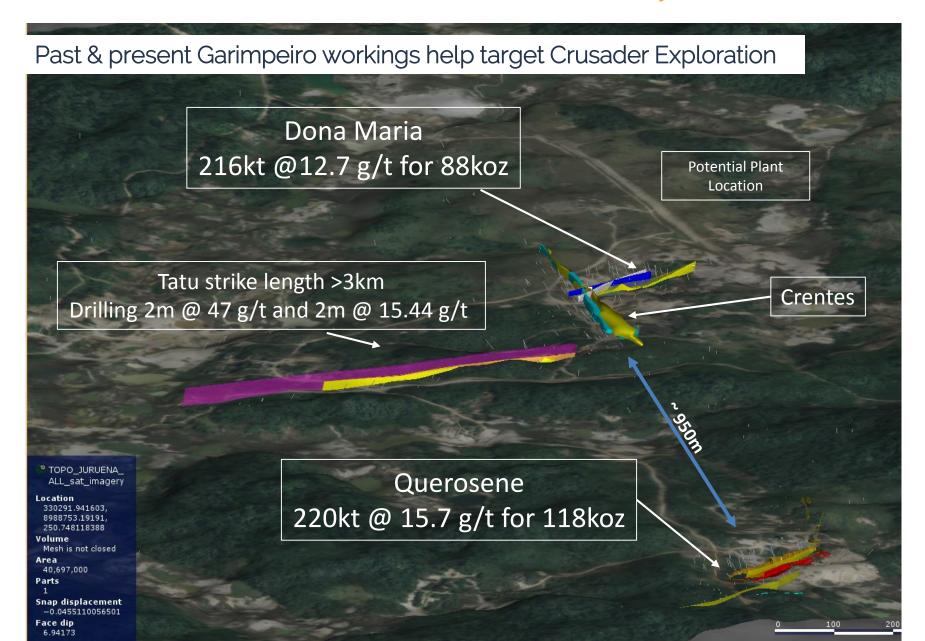


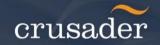


- Airstrip 1,000m
- Road access
- River (barge) access
- Core shed –45,000m stored
- Diesel gen set power in place
- Dormitories60 man camp modern& fully functional

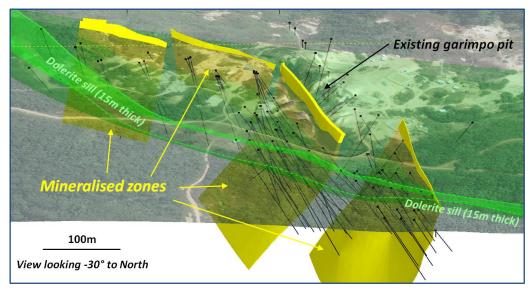


Querosene and Dona Maria- the first of many?

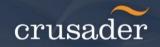




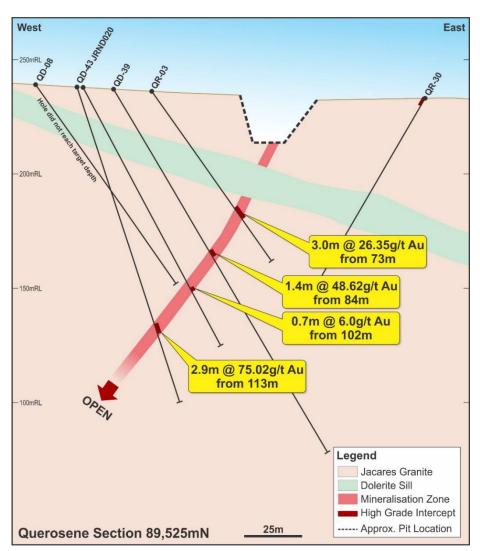
Querosene & Dona Maria 3D Models

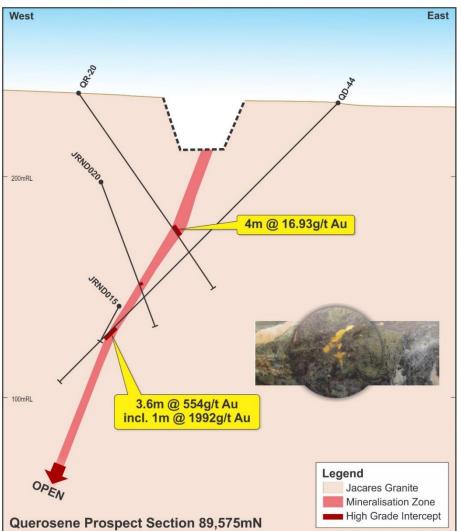






Querosene Cross-Sections





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Development

- Will consider development following PEAexpected Q1 2017
- PEA considering initial mining of two open pits over Querosene and Dona Maria followed by underground mining operations
- Processing through central CIL beneficiation plant to produce gold doré bars
- Querosene and Dona Maria suitable for long-term, narrow vein mining (the current preferred option is the cut and fill method)
- Similar metallurgical properties mined and treated concurrently
- Crushing and screening plant secured.
 Capable of treating up to 100tph.









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Juruena Execution

Leverage off invaluable in-country experience to successfully bring Juruena into production in 2017

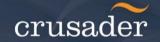
Two recent appointments bring over 70 years of in-country experience to the team:

Carlos Fonseca (Engineering Consultant)

- Over 40 years' experience in the gold sector in Brazil
- Projects include Kinross Gold
 Corporation's Paracatu Mineracão
 project, Luna Gold's Aurizona gold
 plant, Yamana's Fazenda Brasileira and
 the Amapari gold project (now owned
 by ASX listed Beadell Resources).

Luis Navarro (Exploration Manager)

- Over 32 years' experience as a geologist
- Companies include Canadian-based Yamana Gold, Gold Fields do Brasil Ltda (a subsidiary of Gold Fields South Africa) and Western Mining Corporation (Mara Rosa gold mine).



Posse Iron Ore Mine



- Lies at the centre of Belo Horizonte, "The Iron Quadrilateral"
- Fully licensed operation
- High value product mix exceptionally low in contaminants
- Production for direct sale (DSO Direct Shipping Ore)
- Dry processing (Crushing and Screening)

- All ore sold domestically in Brazil
- Started operating in March 2013 sold
 \$36M into domestic market
- Cashflow from Posse has enabled Crusader to continue acquiring and developing Gold assets and opportunities in Brazil.

Upcoming Milestones



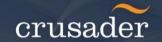
There are a number of strong catalysts

Milestone	4Q 2016	1Q 2017	2Q 2017	3Q 2017	4Q 2017
Borborema Gold Project	•				
Mining and Environmental Permits	\checkmark	✓			
Metallurgical Testwork	✓	✓	√		
Final Engineering and Costing			✓	✓	
Bankable Feasibility Study				√	
Juruena Gold Project					
High Grade Resource Definition Drilling	✓				
Updated Resource estimate	✓				
Scoping Study		✓			
Mining and Environmental Permits	✓	✓	✓		
Final Investment Decisions		✓			
Construction / Development			✓	✓	✓





Stephen Copulos Non Executive Chairman	Businessman and investor with over 30 years experience in a wide range of industries. Experienced Director for both listed and private companies. Largest Crusader shareholder. Committed to increasing value per share.	E
Rob Smakman Managing Director	Highly experienced geologist and manager with over 20 years Australian & international experience. Founding director of Crusader, based in Brazil (+10 yrs) and fluent in Portuguese. Fellow – AusIMM.	
Paul Stephen Executive Director	Founding director of Crusader, with over 20 years experience in the resources and financial services industries. Held senior positions and directorships at Integrated Fuel Services Pty Ltd, Montague Stockbrokers, Patersons Securities and Macquarie Bank.	4
Jim Rogers Non Executive Director	Globally respected investment expert, fund manager and author. Co-founded highly successful Quantum Fund. Former guest professor of finance at the Columbia Business School in New York. Author of multiple best-selling finance books.	0
Mauricio Ferreira Non Executive Director	Over 35 years natural resources experience. Brazilian national, former Vale executive. Involved in the exploration and development of three Brazilian gold projects.	8
John Evans Non Executive Director	Experienced Director and CA. Over 15 years in private sector finance executive roles. Currently Principal of a Business Broking & Corporate Advisory Practice. Chairman of Crusader's Audit & Remuneration Committees.	T
Julio Nery COO - Brazil	Brazilian Mining Engineer with 35 years experience in mining, mine planning and environmental management. Built and operated numerous large Brazilian mines, extensive permitting and CSR experience.	



Investment Highlights – Grass Roots to Production

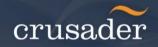
Undervalued

- Transitioning from iron ore to gold production – will re-rate valuations
- Turnaround opportunity for investors
- Brazil is returning to investor favour – Significant recent transactions
- Significant value gap to peer group
- Two Advanced Gold Projects
 - Borborema Can be developed quickly due to volume and quality of work completed & advanced permits in place
 - Juruena High Grade Massive exploration potential funded through project cashflow

- Proven ability Full management and operational team in place
- Catalysts 2017 Milestone events achievable and imminent

\$16/Reserve oz





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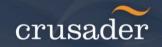
Paul Stephen

Executive Director

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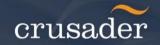
Company	Code	Project Location	Status	Market Capitalisation (US\$m)	Enterprise Value (US\$m)	Mineral Resource (Moz)	Mineral Reserve (Moz)	EV/Resource (USD/Oz)	Resource Grade (g/t)	AISC (USD/oz)	Capex (US\$m)
Belo Sun	BSX (TSX)	Brazil	Development	\$650	\$565	6.1	3.8	\$92.6	1.0	\$780	\$300
Osisko Mining	OSK (TSX)	Canada	Advanced Expl.	\$485	\$365	5.2	0	\$70.2	2.3	N/A	N/A
Gold Road Resources	GOR (ASX)	Australia	Development	\$380	\$320	6.1	6.5	\$52.5	1.3	\$720	\$360
Wesdome Gold Mines	WDO (TSX)	Canada	Production	\$345	\$325	5	0.4	\$65.0	2.2 - 9	\$1,000	N/A
Integra Mining	ICG (TSX-V)	Canada	Development	\$300	\$270	4.1	0	\$65.9	9.1	\$555	\$65
Beadell Resources	BDR (ASX)	Brazil	Production	\$280	\$275	3.5	1.3	\$78.6	1.7	\$830 - \$930	N/A
Dacian Gold	DCN (ASX)	Australia	Development	\$260	\$240	3.3	1.2	\$72.7	2.3	\$779	\$165
Sabina Gold Corp.	SBB (TSX)	Canada	Development	\$245	\$215	7.1	2.5	\$30.3	6.3	\$620	\$620
Auryn Resources	AUG (TSX)	Canada	Advanced Expl.	\$205	\$175	3.1	0	\$56.5	7.7	N/A	N/A
Gascoyne Resources	GCY (ASX)	Australia	Development	\$140	\$102	2.4	0.5	\$42.5	1.4	\$705	\$65
Atlantic Gold Corp	AGB (TSX-V)	Canada	Development	\$130	\$120	2.2	0.8	\$54.5	1.6	\$520	\$105
Anfield Gold	ANF (TSX-V)	Brazil	Development	\$100	\$73	0.9	0	\$81.1	7.0	\$887	\$65
Marathon Gold	MOZ (TSX)	Canada	Advanced Expl.	\$99	\$97	1.2	0	\$80.8	2.3	N/A	N/A
Nighthawk Gold	NHK (TSX-V)	Canada	Advanced Expl.	\$82	\$72	2.1	0	\$34.3	1.6	N/A	N/A
Goldquest	GQC (TSX-V)	Dominican Rep.	Development	\$80	\$75	1.9	0.8	\$39.5	2.6	\$595	\$190
Eastmain Resources	ER (TSX)	Canada	Advanced Expl.	\$80	\$71	1.6	0	\$44.4	3.9	N/A	N/A
Troy Resources	TRY (ASX)	Guyana	Production	\$60	\$80	1.1	0.3	\$72.7	2.7	\$1,300	N/A
Corvus Gold	KOR (TSX)	U.S.A	Development	\$48	\$43	1.7	0	\$25.3	0.8	\$841	\$175
Serabi Gold Plc	SBI (TSX)	Brazil	Production	\$40	\$38	0.7	0	\$54.3	7.1	\$945	N/A
Capricorn Metals Ltd	CMM (ASX)	Australia	Advanced Expl.	\$40	\$38	0.9	0	\$42.2	1.1	N/A	N/A
Crusader Resources	CAS (ASX)	Brazil	Development	\$27	\$26	2.7	1.6	\$9.6	6.3 (Juruena) 1.1 (Borborema)	N/A	N/A



Appendix 2: Listed Brazilian Gold Companies by Market Cap.

Company	Code	Market Capitalisation (US\$m)	Enterprise Value (US\$m)	Mineral Resource (Moz)	Mineral Reserve (Moz)	Resource Grade
Kinross Gold Corporation	K-TSX	\$4,685	\$5,630	67.4	33.2	0.70
Yamana Gold Inc.	YRI-TSX	\$2,689	\$4,219	44.3	10.7	1.50
Eldorado Gold Corporation	ELD-TSX	\$2,609	\$2,996	36.9	20.6	0.56
Belo Sun Mining Corporation	BSX-TSX	\$324	\$259	6.8	3.8	1.07
Beadell Resources Limited	BDR-ASX	\$295	\$324	3.5	1.5	1.68
Trek Mining (Luna Gold Corp.)	LGC-TSX	\$63	\$109	2.2	1.0	1.88
Avanco Resources Limited	AVB-ASX	\$226	\$205	1.3	-	1.98
Brio Gold Inc.	BRIO-TSX	\$259	\$254	7.2	2.7	2.35
Gold Mining Inc	GOLD-TVX	\$178	\$171	18.2	-	0.56
Jaguar Mining Inc.	JAG-TSX	\$154	\$214	2.9	0.4	4.07
Anfield Gold Corp.	ANF-TVX	\$97	\$67	2.2	-	1.78
Aura Minerals Inc.	ORA-TSX	\$46	\$62	2.6	1.3	0.62
Serabi Gold Plc	SRB-AIMLSE	\$41	\$43	0.8	0.2	7.93
TriStar Gold	TSG-TVX	\$29	\$28	0.3	-	2.06
Crusader Resources Limited	CAS-ASX	\$25	\$26	2.7	1.6	1.23
Amarillo Gold Corporation	AGC-TVX	\$23	\$31	2.0	-	1.30
Rio Novo Gold Inc.	RN-TSX	\$24	\$25	2.7	0.8	1.27
Orinoco Gold Ltd.	OGX-ASX	\$22	\$22	0.1	0.0	1.91
Cleveland Mining Co. Ltd.	CDG-ASX	\$21	\$36	0.2	-	1.99
BBX Minerals Ltd.	BBX-ASX	\$13	\$13	-	-	NA
Centaurus Metals Ltd.	CTM-ASX	\$8	\$7	0.1	-	8.56
Equitas Resources Corp.	EQT-TVX	\$6	\$6	0.5	0.0	0.82





Borborema Gold Project – Mineral Resource by Multiple Indicator Kriging (MIK)							
Category	Cut-off grade	Tonnes (Mt)	Grade (Au g/t)	Contained Gold (Moz)			
Measured	0.50	8.2	1.22	0.32			
Indicated	0.50	42.8	1.12	1.55			
Total Measured + Indicated	0.50	51.0	1.14	1.87			
Inferred	0.50	17.6	1.00	0.57			
Total Mineral Resource	0.50	68.6	1.10	2.43			

July 2012 Mineral Resource Summary Table, reported at a 0.5 g/t cut-off. Parent Block 25mE x 25mN x 5mRL. Selective Mining Unit 5mE x 6.25mN x 2.5mRL. Note, appropriate rounding has been applied, subtotals may not equal total figure.

Borborema Gold Project – Maiden Ore Reserve (announced to ASX on 16 November 2012)							
Category	Ore Type	Tonnes (Mt)	Grade (Au g/t)	Mineable Gold (koz)			
Proven	Oxide	0.65	0.80	17			
	Fresh	7.26	1.25	292			
Probable	Oxide	1.68	0.70	38			
	Fresh	32.82	1.20	1,260			
Total		42.41	1.18	1,610			

Ore Reserve estimate for the Borborema Gold Project.

Reported at a 0.4 g/t cut-off for oxide and 0.5g/t cut-off for fresh material. The cut-off grades have been based on the latest throughput costs, gold price of US\$1350/oz, metallurgical recovery of 95% and then rounded up. Note, appropriate rounding has been applied, subtotals may not equal total figures.



sub-total

Indicated

Inferred

sub-total

Prospect Name

Dona Maria

Querosene

Total Indicated

Total Inferred



88,000

28,500

89,300

117,800

58,300

147,500

12.7

28.4

14.7

16.7

18.3

13.6

Juruena Gold Project JORC Compliant Inferred Mineral Resources - December 2016 Lower cut-off Resource Gold Ounces of Resource Category Metric Tonnes applied Grade (g/t) Gold Indicated 67,800 29,800 13.7 Inferred 2.5 g/t cutoff 148,500 58,200 12.2

216,300

188,700

219,900

99,000

337,200

31,200

 Total high-grade ounces
 436,200
 14.7
 205,800

 Crentes
 Inferred
 1.0 g/t cutoff
 846,450
 2.0
 55,100

 Total Combined
 1,282,650
 6.3
 260,900

Note: Appropriate rounding applied. Table includes updated mineral resource estimates for Querosene and Dona Maria, Crentes remains the same as per the 2015 resource estimate.

2.5 q/t cutoff

Appendix 5: Juruena - Metallurgy



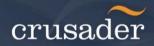
Querosene:

- Results for metallurgical testing on samples from the Querosene prospect indicate recoveries of > 90% for both gold and silver using standard leaching (see ASX release 1 July 2015)
- Results also indicate the gold and silver are free milling and well distributed within the ore

Dona Maria:

- Metallurgical testwork at the Dona Maria prospect recovered +90% gold in standard leaching tests
- Various tests including leaching and leaching plus gravity at different grind sizes and leach times, recovered between 85.4% and 91.0% gold (39.7% and 47.6% Ag)
- The 15kg sample which was composed of recent drill cuttings, had a head grade of 31.2 g/t gold and is indicative of the high grades observed at Dona Maria

Appendix 6: Drilling Highlights to Date - Querosene



Dec 2014

- **3m @ 26.35 g/t Au** from 73m in hole QR-03 including **0.5m @ 150.57 g/t Au** from 73m
- **2m @ 12.11 g/t Au** from 52m in hole QR-07

March 2015

- **8m @ 6.27 g/t Au** from 80m in QR-20
- **2m @ 17.62 g/t Au** from 84m in QR-21
- **4m @ 3.78 g/t Au** from 86m in QR-24
- 7 1m @ 3.36 g/t Au from 86m in QR-25

May 2015

- **2m @ 32.97 g/t Au** from 82m in QR-20
- **1.50m @ 23.71 g/t Au** from 84m including **1m @ 34.26 g/t Au** from 84m in QR-21
- **1m @ 6.97 g/t Au** from 51m in QR-13
- **7 0.5m @ 8.96 g/t Au** from 56m in QR-15
- 7 1m @ 5.21 g/t Au from 84m in QD-02

July 2015

- **2m @ 9.6m g/t Au** from 48m in QR-28
- **0.5m @ 7.02 g/t Au** from 110.7m in QD-05

August 2016

- **2.90m @ 75.02 g/t Au** from 112.80m in QD-043 including **0.45m @ 335 g/t Au**
- 7 1.40m @ 48.62 g/t Au from 84.0m in QD-039 including 0.4m @ 87.96 g/t Au & 0.64m @ 47.92 g/t Au
- **1.47m @ 29.42 g/t** Au from 57.2m in QD-028
- **2.0m @ 11.09 g/t Au** from 113.9m in QD-030 including **1m @ 19.56 g/t Au**
- **1.02m @ 7.30 g/t Au** from 156.1m in hole QD-027
- **0.70m @ 6.00 g/t Au** from 102m in QD-041

September 2016

3.6m* @ 554 g/t Au from 147m in QD-44 including **1m @ 1,992 g/t Au from 148m**

^{*}Note, this is not true width as hole was drilled sub-parallel to the ore zone. Estimated true width is 1.55m see further comments below

Appendix 7: Drilling Highlights – Other Juruena Targets



Dona Maria

July 2015

- **3.38m @ 47.97 g/t Au** from 183.62m in MD-01, including **1.87m @ 84.50 g/t Au** from 183.62m
- **12m @ 35.13 g/t Au** from 99m in MR-10, including **4m@ 75.07 g/t Au** from 99m

May 2015

- **16m @ 1.54 g/t Au** from 4m in MR-05
- **1m @ 6.52 g/t Au** from 126m in MR-06

August 2016

- **1.5m @ 141.36 g/t Au** from 45m in MD-06;
- **4m @ 8 g/t Au** from 96m (including **1m @ 27.99 g/t)** in MD-06; and
- **4m @ 3.98 g/t Au** from 77m (including **1m @ 11.09 g/t**) in MD-06

September 2016

- **10m @ 112 g/t Au** from 125m in MD-09
- **0.4m @ 2009 g/t Au** from 133m in hole MD-09
- **4.8m @ 11.89 g/t Au** from 101m in hole MD-10
- **4.0m @ 27.10 g/t Au** from 84m in hole MD-14

October 2016

- 8.25m @ 23.71 g/t Au from 86.75m including:1m @ 38.84g/t Au from 90m;
- 1.5m @ 76.69 g/t Au from 78m including:1m @ 106.51 g/t Au from 78m

Crentes

July 2015

4m @ 5.19 g/t Au from 12m and **12m@ 1.62 g/t Au** in CR-05

May 2015

- **16m @ 3.11 g/t Au** from 32m in CR-08
- **1m @ 20.6 g/t Au** from 49m in CR-05
- **12m @ 3.71 g/t Au** from 68m and **4m @ 3.42 g/t Au** from 87m in CR-07

Capixaba

July 2015

- **3m @ 4.30 g/t Au** from 32m in CXR-04
- **2m @ 8.28 g/t Au** from 62m in CXR-09
- **4m @ 8.26 g/t Au** from 60m in CXR-13



Appendix 8: Tatu – Next Resource?

- New mineralised zone drilled at Tatu NE (within the Juruena Gold Project) intercepts broad new zone of shallow mineralisation
- Crusader expects Juruena to continue to grow into multiple prospects feeding into a central processing facility

Tatu NE

37¹ m @ 3.71 g/t Au from 132m in TD-06, including 2m @ 47.67 g/t Au from 138m and 2m @ 15.44 g/t Au from 166m downhole

Tatu

- 0.5m @ 14.00 g/t Au from 92m in hole TD-01
- 1.16m @ 14.99g/t Au from 94m in hole TD-02
- 0.5m @ 31.12 g/t Au from 117m in hole TD-04

