

chesser
resources limited

Advancing Towards Gold Production in Turkey

Rick Valenta – Managing Director
September 2013

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The exploration data and results contained in this presentation are based on information reviewed by Dr Rick Valenta, a fellow of the Australian Institute of Mining and Metallurgy. He is Managing Director of the Company and has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Dr Valenta has consented to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

The Updated Scoping Study referred to in this report is based on low-level technical and economic assessments, and is insufficient to support estimation of Ore Reserves or to provide assurance of an economic development cost at this stage, or to provide certainty that the conclusions of the Updated Scoping Study will be realised.

The information in this report that relates to Kestanelik in-situ Mineral Resources is based on information compiled by Mr. Ian Taylor of Mining Associates Ltd. Mr. Taylor is the competent person for the Kestanelik resource estimate and takes overall responsibility for it. He is a of the Australian Institute of Geoscientists and a Chartered Professional of the Australasian Institute of Mining and Metallurgy and has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, 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' (JORC Code). Mr. Taylor consents to the inclusion of such information in this Report in the form and context in which it appears.

The information in this report that relates to Sisorta in-situ Mineral Resources is based on information compiled by Mr. Gary Giroux of Giroux Consultants Ltd. Mr. Giroux is the competent person for the Sisorta resource estimate and takes overall responsibility for it. He is a Member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (a "Recognised Overseas Professional Organisation" under the JORC code) and has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, 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' (JORC Code) and has the appropriate relevant qualifications, experience and independence to qualify as a "Qualified Person" under National Instrument 43-101 - "Standards of Disclosure for Mineral Projects" (NI 43-101). Mr. Giroux consents to the inclusion of such information in this Report in the form and context in which it appears.

Developing gold mine in N-W Turkey

- Flagship property is Kestanelik – NW Turkey
- Owned 100% (2.5% NSR)
- Epithermal vein project
- High grade, wide veins, top of gold zone, big system
- JORC Indicated/Inferred resource of 703,000 ounces at 2.15 g/t gold
 - In-pit resource of 625k Oz @ 2.71g/t gold
- Scoping updated* and Pre-feasibility under way
 - 63 kOz pa over 8 years
 - LOM cash cost US\$415/oz
 - Capex US\$88m (incl 30% contingency)



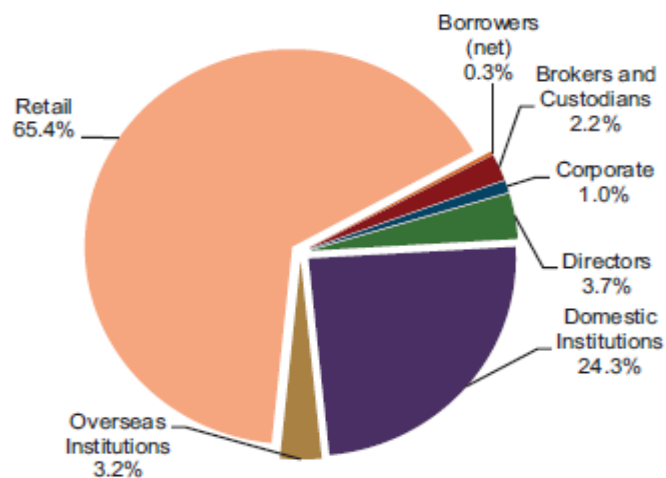
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Corporate overview

Shares	152.9m
Range (12 Mths)	0.10-0.49
Market Cap	\$24m
Cash (30/06/13)	\$1.2m*

* Subsequent \$7.3m placement/rights and sale of Karaayi project (~\$2m)

Breakdown of Register by Category



CHZ tracks gold index over past 12 months



Board of Directors

Non-Executive Chairman
 Managing Director
 Non Executive Director
 Non Executive Director
 Non Executive Director

Rob Reynolds
 Richard Valenta
 Morrice Cordiner
 Peter Lester
 Simon O'Loughlin
 Simon Taylor

Significant Shareholders

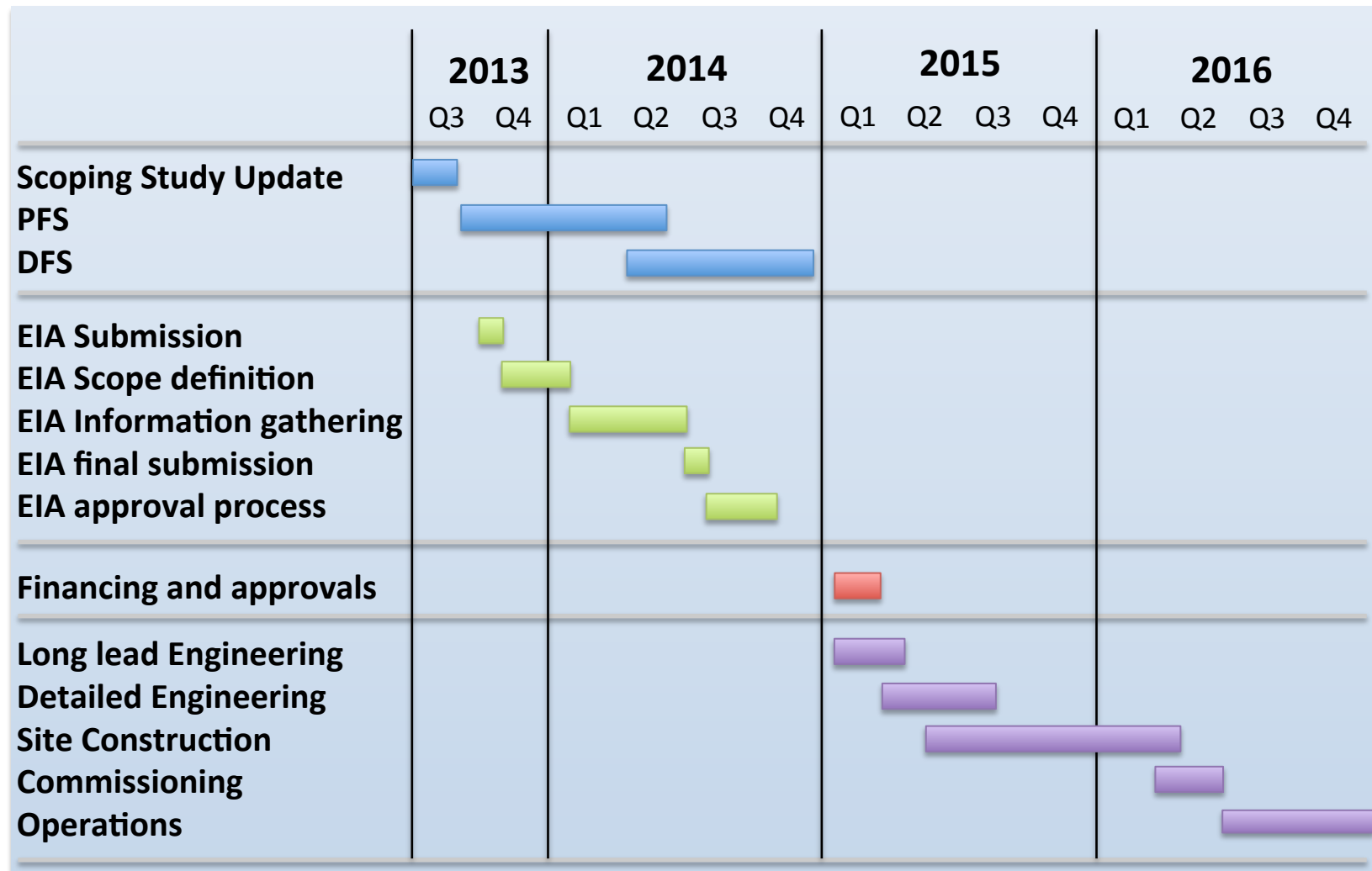
Macquarie MEC 7.8%
 Baker Steel 5.2%

Key Achievements

On the Kestanelik project, Chesser has

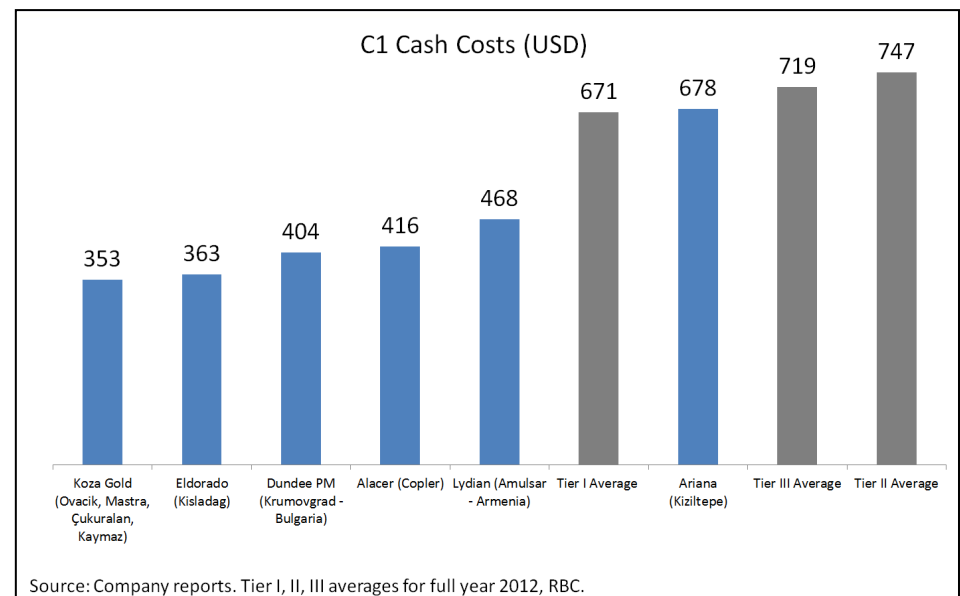
- Completed 61,000 meters of drilling
- Updated its resource on the Kestanelik Project to 703,000 ounces at an average grade 2.15g/t (0.5g/t cutoff), with a maiden indicated resource of 183,000 ounces at 3.53 g/t gold.
- Released a positive scoping study based on an in-pit resource of 625,000 ounces at 2.71 g/t gold, with low capital and operating costs and an eight year mine life at a favourable strip ratio
- Commenced PFS and EIA studies, now fully funded to end 2014
- Continued to build a board and team appropriate to the move toward a development focus for Kestanelik
- Continued to develop a strong relationship with the Turkish authorities and local community

Plan to production



Turkey – great mining jurisdiction

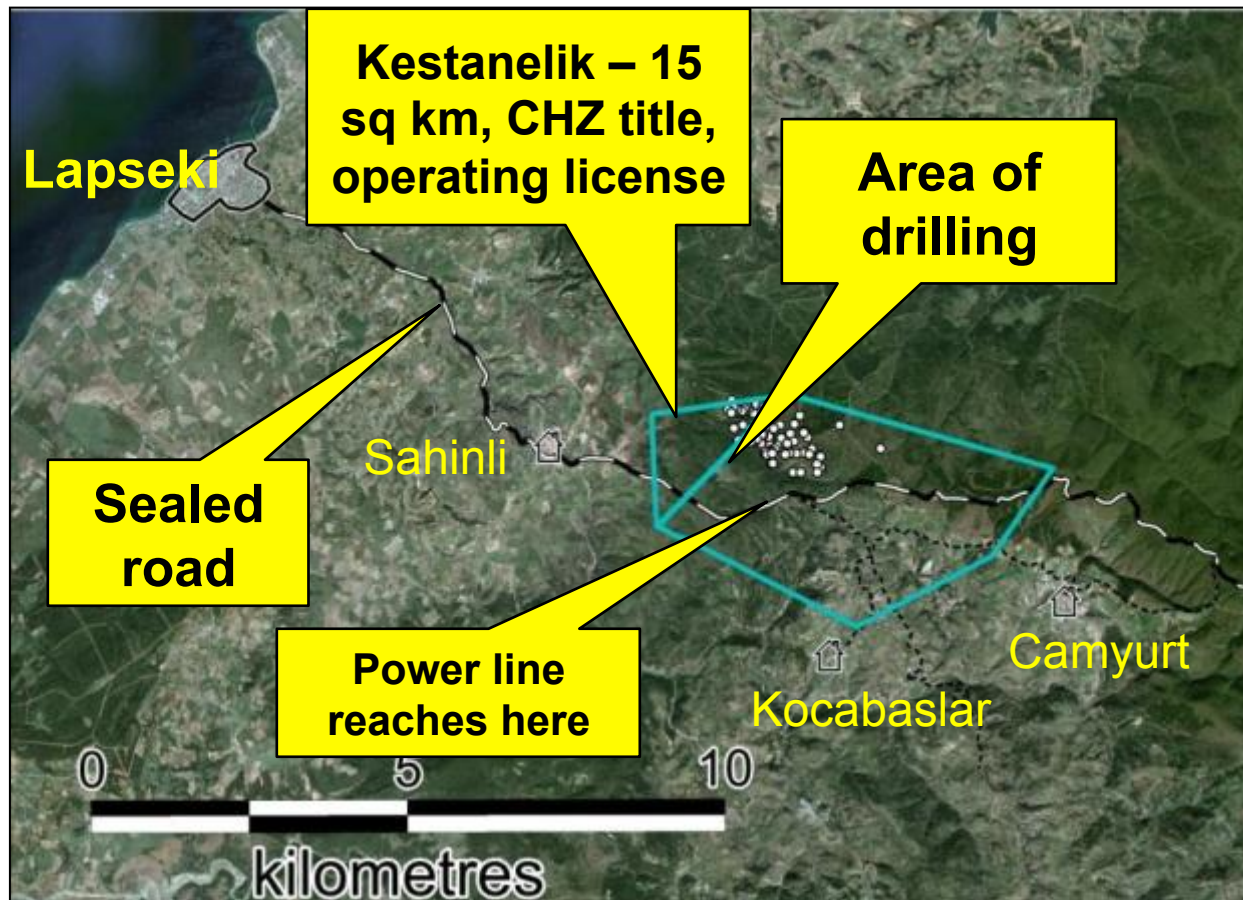
- Low risk, pro-mining jurisdiction
- 20% corporate tax, 2% royalty
 - Refund of 18% VAT for gold exploration expenses
 - Further tax breaks for large projects – 40% Capex deduction reducing tax to 4%
 - Full repatriation of earnings
- 100% ownership of projects
- Strong track record of successful project permitting
- Modern tenure system
- Europe's largest gold producer
- World's 4th largest gold market (5m oz p.a.)



Ideal Project Location

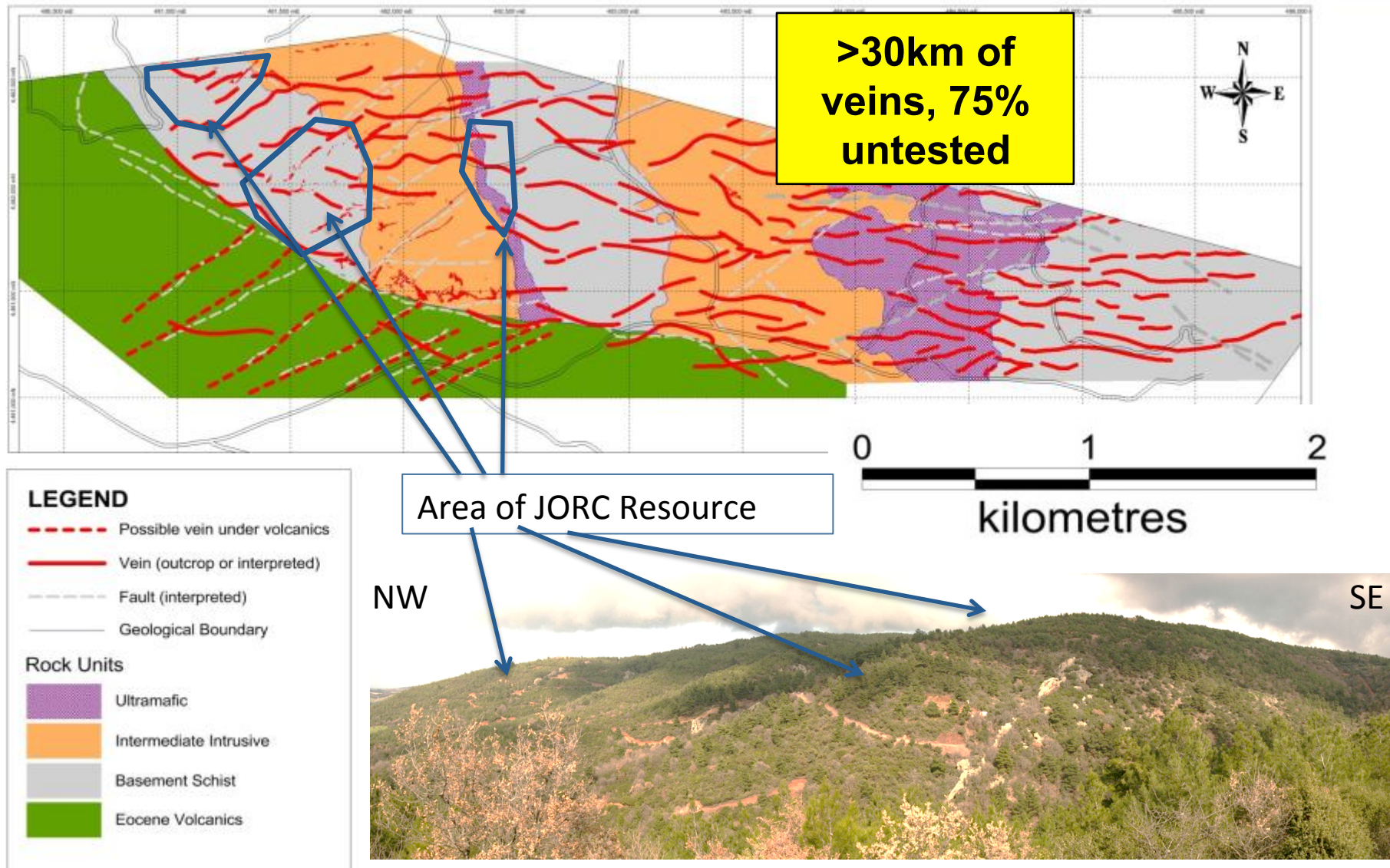


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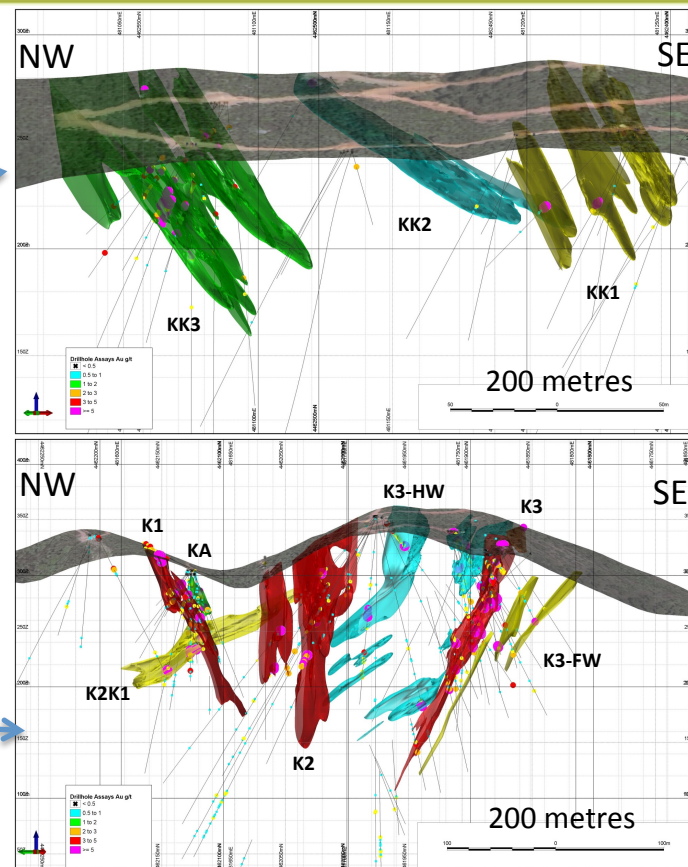
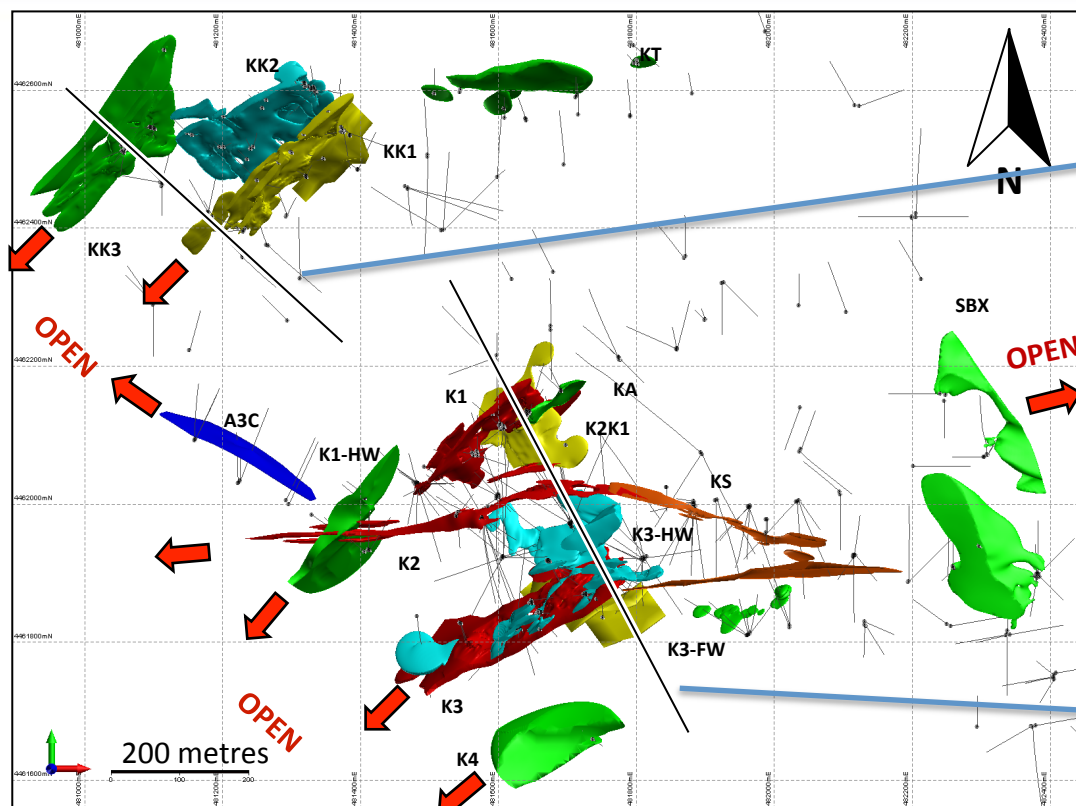


- Well-endowed region
 - Epithermal Au, Porphyry Au/Cu
 - Established mining region – base metals, coal, kaolin
- Excellent local infrastructure
 - Numerous roads access property
 - Nearby coal power plant and transmission lines
 - Local labour from nearby towns
- Tenement is the Turkish equivalent of a mining licence – renewable for up to 60 years

Kestanelik – big field of epithermal veins

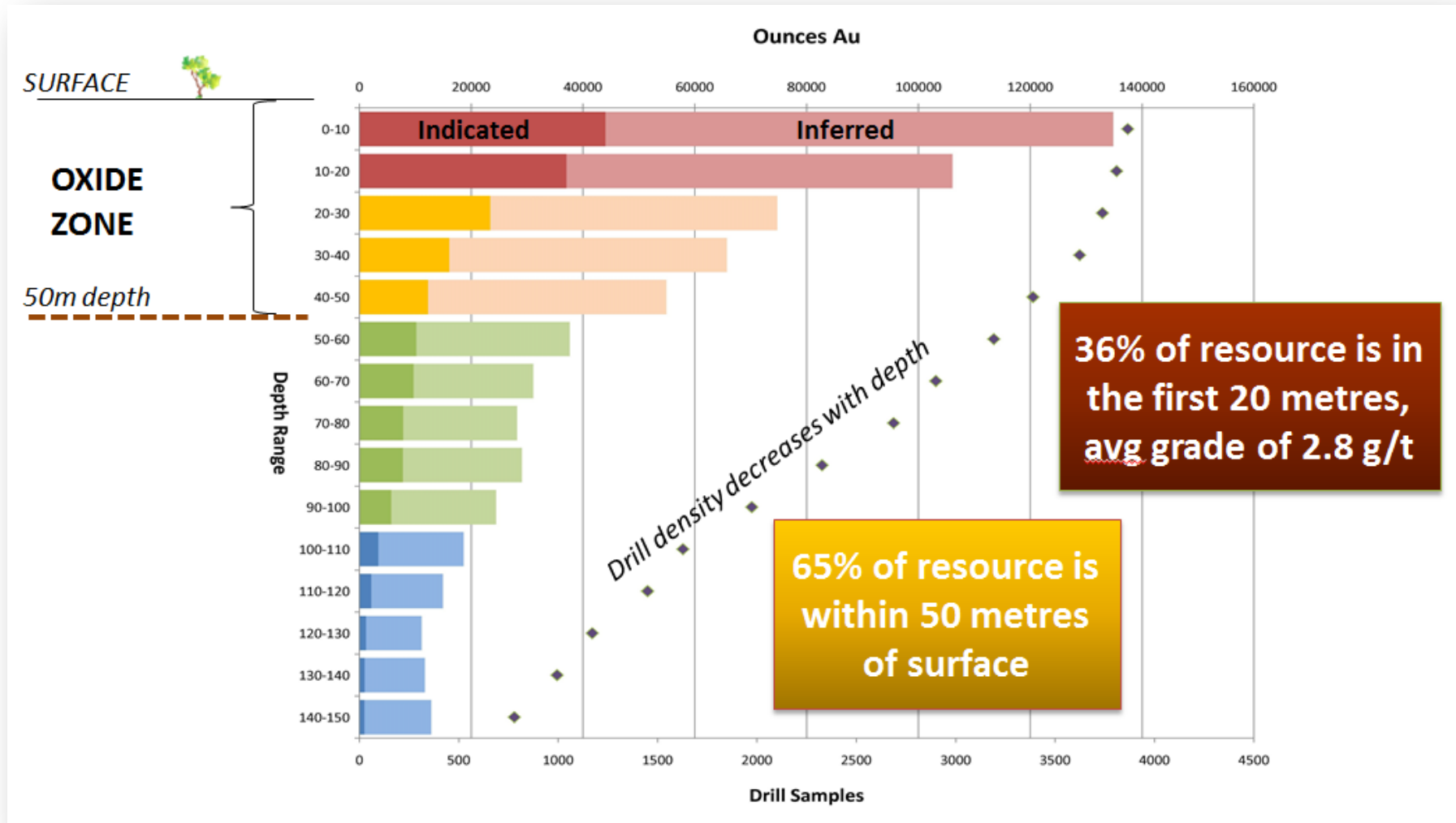


Updated Resource of 703 kozs



- Indicated 1.6mT @3.5g/t gold for 183,000 oz (73% within 50m of surface)
- Inferred 8.6mT @ 1.9 g/t gold for 462,000 oz
- Significant higher grade component (491k Oz @ 3.8g/t)

High grade, close to surface, open pittable



Simple metallurgy, high recoveries

Sample	Head grade (g/t)		Recovery (%)	
	Au	Ag	Au	Ag
Oxide zone quartz vein	7.9	6	92	85
Transitional zone quartz vein	2.3	3	96	88
Sulphide-bearing quartz vein	17	8	94	87
Stockwork in Quartz-Feldspar Porphyry	0.8	1	95	80
Stockwork in Quartz Mica Schist	3.9	3	96	84

Tests at ALS Ammtech - nominal P80 75 micron grind size and 24 hour leach time

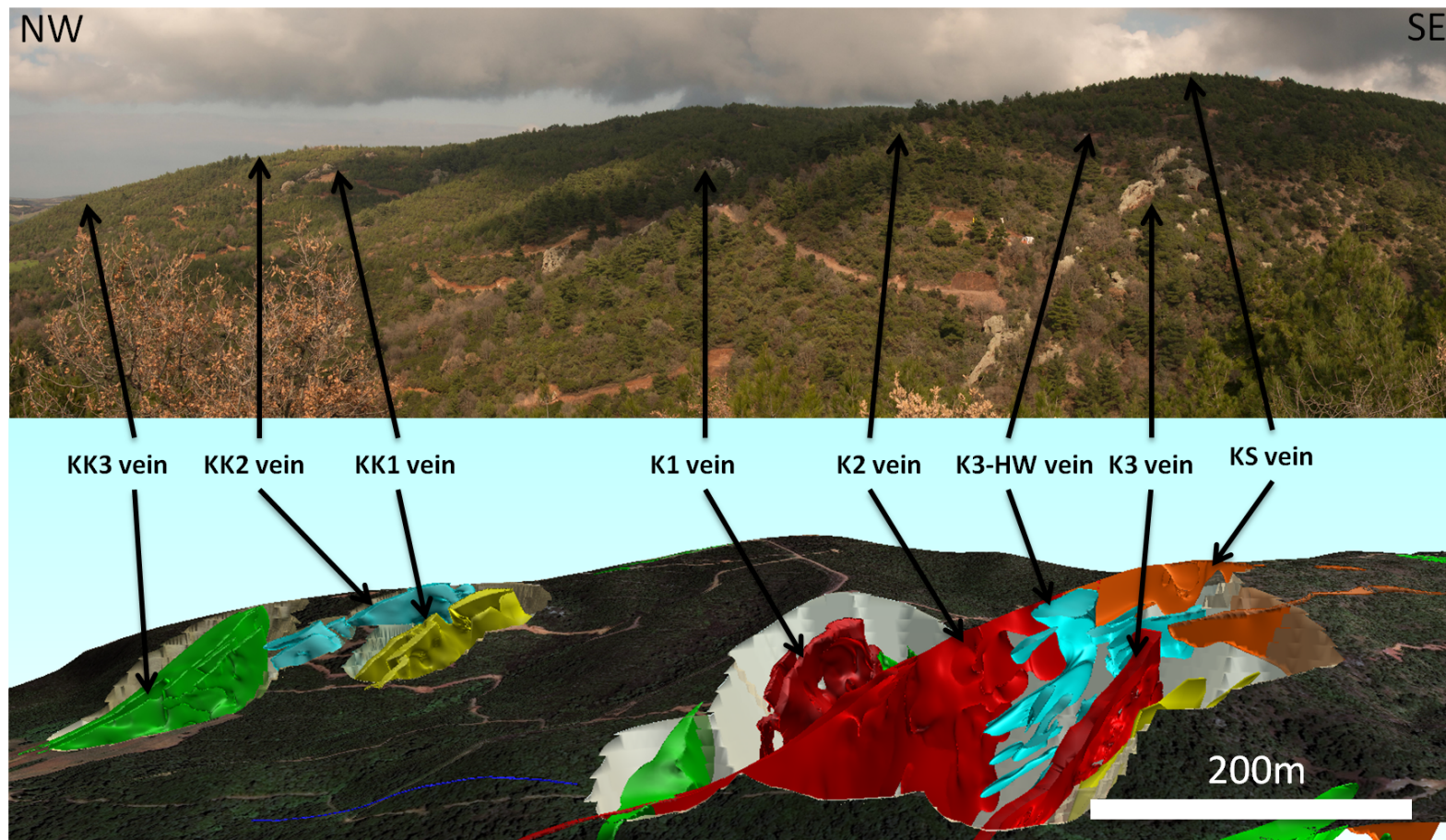
Ore types	Competency Axb value	Hardness BWI kWh/t	Comments
Quartz vein types	30 – 60	16 – 18	high to moderate competency, moderate to high hardness
Quartz mica schist type	130	15	poor competency, moderately hard

- Excellent leach recoveries (~95%) across the typical range of mineralisation types and oxidation states
- Reagent consumption low for all tests, typically 0.4 kg/t sodium cyanide; 1 kg/t lime
- Fine gold – low gravity recovery

Updated Scoping Study



- Conceptual open pit mining operation, providing ore to a conventional carbon-in-pulp process plant
- Average production of 63,000 ozs of gold per year and 38,000 ozs of silver for 8 years
- Total capex of US\$88 million (plus US\$26m sustaining) including 30% contingency.



Positive Scoping Results

- Life of Mine C1 cash cost of US\$415/oz Au, benefitting from proven low cost structures in Turkey.
- Life of mine average head grade of 2.55 g/t Au, and 1.88 g/t Ag, with metallurgical recoveries of approximately 90% Au and 80% Ag
- Further improvement possible:
 - Increase in annual production rate to 80-100k oz pa
 - Optimisation of mine plan for early accessing of near-surface high grade zones
 - Investigation of staged startup scenarios to reduce initial capex
 - Turkish sourcing of large capital items
 - Investigation of contract mining

Kestanelik – Forward Program

- **Drill Programs – 2013/2014**
 - New 21,000 metres drill program with emphasis on infill drilling
 - New drill program is anticipated to lead to a significant increase in Indicated Resources
- **Updated resource expected in H1 2014**
 - Subject to the successful completion of the drill programs
 - This resource will be included in the PFS
- **Prefeasibility Study – 1H CY2014**
 - PFS on Kestanelik Project has commenced in mid 2013 and will complete in H1 2014 – scoping alternatives including higher annual production and staged startup
 - Chesser will continue to assess metallurgy and compilation of information relevant to project economics in PFS
 - PFS results will be assessed and subjected to more detailed engineering and cost estimation to form part of a DFS
- **Permitting process – Late 2013 / 2014**
 - EIA Project description to be submitted to Turkish authorities in Q4 2013
 - Scope definition and studies H1 2014
 - EIA approval expected Q4 2014
 - Number of recent examples of timely project permitting support this timeline

Compelling investment case

High Grade, near surface resource...

- High grade open pit resource
- Highest grades in many cases right at surface; 65% of resource within 50m of surface

Turkey is a proven low cost jurisdiction

- Scoping suggests very low capital and operating costs, with favourable strip
- Excellent metallurgy

Exciting exploration potential

- Clear potential for substantial resource growth

Good Infrastructure

- Paved road to property; Power lines to property

Supportive Mining Jurisdiction

- Pro-mining country. Excellent fiscal regime and stable jurisdiction
- Recent examples of timely permitting in less than 12 months

Funded through PFS and permitting

Corporate Directory

- **Directors**

Rob Reynolds (Chairman)

Rick Valenta (Managing Director)

Morrice Cordiner

Peter Lester

Simon O'Loughlin

Simon Taylor

- **Key Management**

Stephen Kelly – CFO and Co Secretary

Nigel Ricketts – Project Director Kestanelik

Cem Yuceer – Exploration Manager

David Esser – Principal Geologist

- **Brisbane Office**

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- **Analyst Coverage**

Macquarie Equities

Ord Minnett

RBS Morgans

Clarus Securities

Taylor Collison

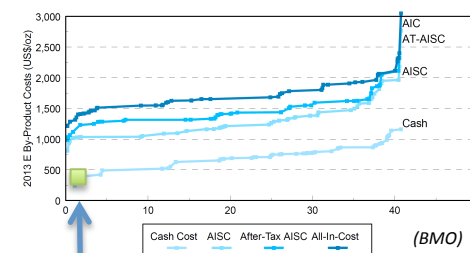
Blackswan Equities

Thank You



Study Highlights

Mineral Resources	Tonnage	Grade	Ounces
Indicated Resource	1,609,000	3.53	183,000
Inferred Resource	8,584,000	1.89	521,000
Total Resources (Au only)	10,193,000	2.15	703,400
Mining Inventory			
Indicated Resource	1,569,000	3.59	181,000
Inferred Resource	5,619,000	2.46	444,000
Total Mining Inventory (Au only)	7,188,000	2.71	625,000
Capital Costs (US\$)			Life of Mine
Process Plant			US\$70M
Mining, site infrastructure and other			US\$18M
Sustaining Capital			US\$26M
Production Summary			
Life of mine			8+ years
Strip ratio (open cut)			5.82
Processing rate			844,000tpa
Average recovery (Au)			92%
Gold production			505,000 ounces
Operating cost / tonne (including royalties, processing and administration)			US\$31.28
Project Economics			
Gold price (US\$)			US\$1,300 / oz
Exchange rate (\$US:\$A)			\$0.90
Revenue (US\$)			US\$658M
C1 cash costs per ounce (US\$) ¹			US\$415
All in sustaining costs per ounce (US\$) ²			US\$546



Kestanelik C1 costs

Resource Statements



Kestanelik Mineral Resource – July 2013 (incl low grade halo)					
	Tonnes	Grade		Ounces	
		Au (g/t)	Ag (g/t)	Au Oz	Ag Oz
Indicated	1,609,000	3.53	2.6	183,000	135,000
Inferred	8,584,000	1.89	1.8	521,000	493,000
Total	10,193,000	2.15	1.9	703,400	628,900

Kestanelik Mineral Resource – July 2013 (excl low grade halo)						
Cut off (Au g/t)	Category	Tonnes	Grade		Ounces	
			Au (g/t)	Ag (g/t)	Au Oz	Ag Oz
0.5 <i>(excluding low grade halo)</i>	Indicated	1,609,000	3.53	2.6	183,000	135,000
	Inferred	6,589,000	2.28	2.2	483,000	441,000
	Total	8,198,000	2.53	2.2	665,600	576,300
1.0	Indicated	1,506,000	3.71	2.7	180,000	132,000
	Inferred	5,462,000	2.58	2.2	453,000	394,000
	Total	6,968,000	2.83	2.3	633,200	526,100
2.0	Indicated	922,000	5.13	3.4	152,000	100,000
	Inferred	3,060,000	3.45	2.8	339,000	275,000
	Total	3,982,000	3.84	2.9	491,100	374,600

Sisorta Mineral Resource – 51% Chesser							
Class	Metallurgy	Cutoff	Tonnes	Au	Ag	Au oz	Ag oz
Indicated	Oxide	0.4	2,280,000	0.9	3.5	69,000	254,000
Indicated	Sulphide	0.4	890,000	0.8	4.2	22,000	120,000
Indicated	Total	0.4	3,170,000	0.9	3.7	91,000	374,000
Inferred	Oxide	0.4	7,750,000	0.6	1.2	154,000	289,000
Inferred	Sulphide	0.4	3,630,000	0.5	2.6	58,000	300,000
Inferred	Total	0.4	11,380,000	0.6	1.6	212,000	589,000
TOTAL OXIDE			10,030,000	0.7	1.7	223,000	543,000
TOTAL OXIDE AND SULPHIDE			14,550,000	0.6	2.1	303,000	963,000

Kestanelik – Equivalent Ounces Gold



		LIFE OF MINE (YEAR 1 TO 8)			
	USD Millions (base case @ US\$1,300 gold)	Equivalent ounces of Gold based on assumed Gold Price (USD/oz)			
		\$1,100	\$1,300	\$1,500	\$1,700
Total Operating costs excluding silver credits	209,263,200	190,239	160,972	139,509	123,096
Total Royalty costs	Variable	23,746	23,702	23,670	23,646
Total refining and transportation costs	Variable	5,464	5,454	5,447	5,441
Total corporate taxes	Variable	10,285	23,341	32,915	40,236
Total Development and Pre-Development Capital Costs	87,935,000	79,941	67,642	58,623	51,726
Total Sustaining Capital Costs	26,208,000	23,825	20,160	17,472	15,416
Remaining Gold					
Total Gold production	Ozs	504,597	504,597	504,597	504,597
Less Operating Costs	Ozs	(190,239)	(160,972)	(139,509)	(123,096)
Less Royalty costs	Ozs	(23,746)	(23,702)	(23,670)	(23,646)
Less Refining and transportation	Ozs	(5,464)	(5,454)	(5,447)	(5,441)
Less Corporate taxes	Ozs	(10,285)	(23,341)	(32,915)	(40,236)
Less Capital Costs	Ozs	(103,766)	(87,802)	(76,095)	(67,143)
Remaining Total Gold	Ozs	171,096	203,326	226,961	245,035
Assumed Gold Price	USD/oz	\$1,100	\$1,300	\$1,500	\$1,700
Value of remaining Gold	USD	\$188,205,666	\$264,323,383	\$340,441,100	\$416,558,818
Total Silver Production	Ozs	335,538	335,538	335,538	335,538
Assumed Silver Price	USD/Oz	20	20	20	20
Value of Silver	USD	\$6,710,756	\$6,710,756	\$6,710,756	\$6,710,756