

### "Strategic Gold Project in Ghana's Ashanti Belt"

Apankrah Deposit Next Steps

November, 2013

### **Cautionary Statements**



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## Investment Highlights



#### > **PROJECT**

- GHANA Located in politically stable, mining friendly jurisdiction with favourable infrastructure – #2 producer in Africa and in the global top 10 (4.2 M oz in 2012), with an estimated 56 M ounces in reserves\*
- GOLD Strategic land package in southern Ashanti belt, one of the most highly gold endowed belts of the world, adjacent to several producing mines
- RESOURCE ESTIMATE High grade Apankrah Target Area includes Apankrah Shoot: 275,000 tonnes @ 8.6 g/t Au for 76,000 ounces\*\*
- LONG TERM GROWTH POTENTIAL Quality exploration strategies & a systematic approach to uncovering abundant resource potential

#### > PEOPLE

TEAM - Experienced management team with respected track records & established relationships

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\*Source: Bloomberg, March 20, 2013 \*Ghana Chamber of Mines publication – 'Performance of the Ghana Mining Industry in 2012' \*\*Effective date June 1, 2013

### Apankrah Shoot summary



- 275,000t @ 8.6 g/t Au:
  - Better grade than that reported by neighbouring properties
- Metallurgy >97% recovery
  - With over 85% in small mass pull (1%)
- Conceptual studies to plan development path recommends further study and analysis
  - Reduce dilution; improve shallow grades
  - Complete PEA
  - Undertake stripping program and bulk sampling
- Consider options for development in processing:
  - Full plant (gravity + CIL),
  - Gravity only plant & stockpile low grade,
  - Sell run of mine
  - Approach affects speed of *environmental* permitting, lease conversion and tax/royalty regime

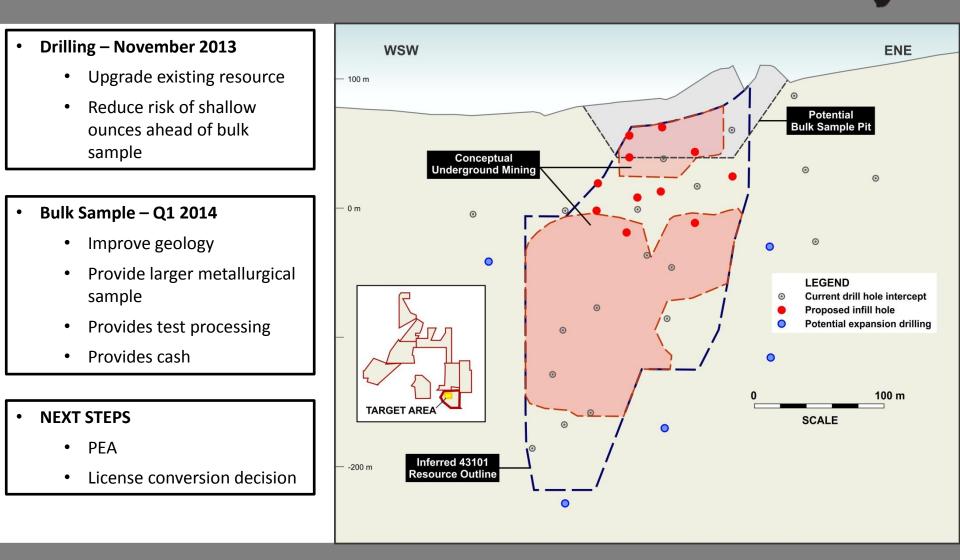




#### WORK PROGRAM, EXPECTATIONS, COSTS

- Limited drilling 1,100m working towards PEA
  - > Upgrade shallow inferred resource to >indicated and rerun conceptual study as open pit
- Stripping and sampling program in dry season (early 2014)
  - Improve geology and shallow resource model (voids)
- Bulk Sampling in dry season (early 2014)
  - Resolve nugget issues and finalize metallurgy
  - Minerals Commission currently redefining ' bulk sample' regulations
- > Move forward to mining license based upon results of PEA

## Apankrah – hypothetical underground





### Apankrah: Advancement path



	13Q1	13Q2	13Q3	13Q4	14Q1	14Q2	14Q3	14Q4	2015
Community									
Drilling				1100m					
Environment									
Exploration									
Resource									
Metallurgy	İ								
Mining methodology									
PEA									
Bulk Sample									
Permitting *									
Feasibility *									

\*based upon results of PEA

## Apankrah Blue Sky

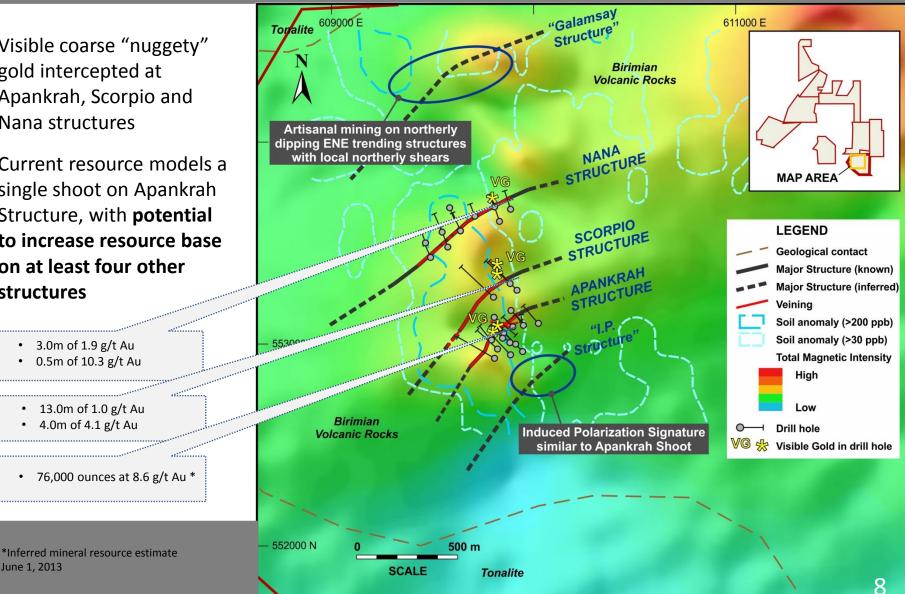


- Visible coarse "nuggety" • gold intercepted at Apankrah, Scorpio and Nana structures
- Current resource models a single shoot on Apankrah Structure, with **potential** to increase resource base on at least four other structures

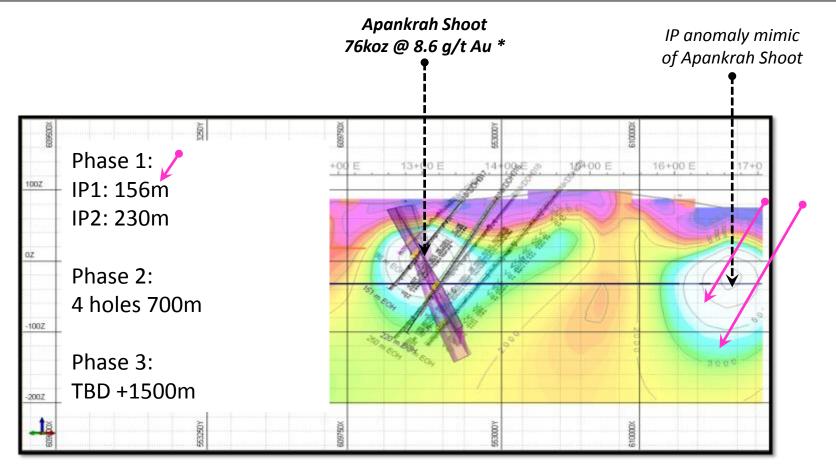
3.0m of 1.9 g/t Au

4.0m of 4.1 g/t Au

June 1, 2013



### Apankrah Blue Sky - IP Target



\*Inferred mineral resource estimate Effective June 1, 2013

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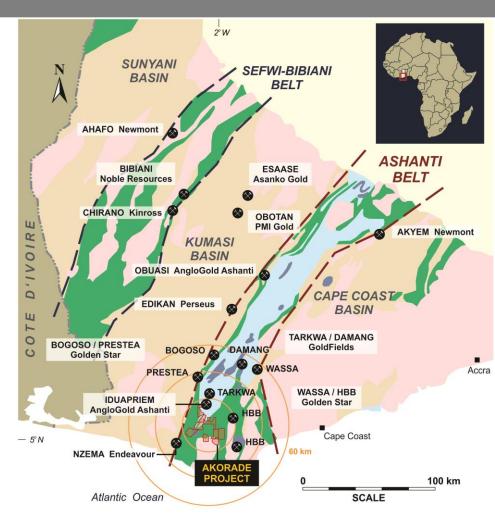
### Ghana: Friendly and Favourable



Ghana is Africa's 2nd largest gold producer with past production of >56Moz (last 40 yrs) and current reserves of 56Moz.\* CAP's large land position lies 20 kms south of Tarkwa, the regional mining centre in the southern Ashanti gold belt.

- Major road from Tarkwa runs directly through CAP properties to port city of Takoradi
- Established mining infrastructure due to proximity to multi-million ounce producers – on national power grid with well trained labour force (pop: 25 million)
- Stable government since gaining independence from UK in 1957 rated an investment grade country with favourable mining and tax code

\* Ghana Chamber of Mines publication – 'Performance of the Ghana Mining Industry in 2012'

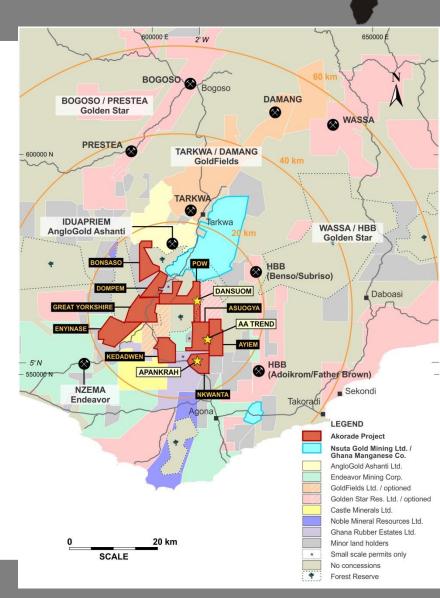


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## Strategic Land Package

Castle Peak holds nine licenses covering ~225 square kms along two key structural trends in the southern Ashanti gold belt.

- **Close Proximity**: The majority of Ghana's producing mines lie within 50 kilometres of Akorade, accounting for nearly 50 million ounces in gold reserves and resources
- Key Structures:
  - N-E structural corridor along Birimian-Tarkwaian boundary (targets like Damang, Wassa and Akyem)
  - N-S structural corridor (targets like HBB deposits and Nzema)
- Majority Ownership of nine liceneses: Bonsaso (90%), Dompem (100%, 2.5% NSR), Enyinase (100%, 2.5% NSR), POW (82.5%), Asuogya (95%), Ayiem (95%), Nkwanta (95%), Kedadwen (95%) and Great Yorkshire (100%)



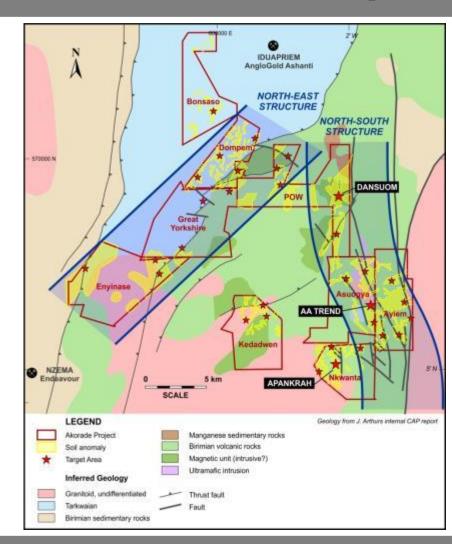


## Akorade Blue Sky Potential

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## CAP holds a considerable land position along two significant structural corridors:

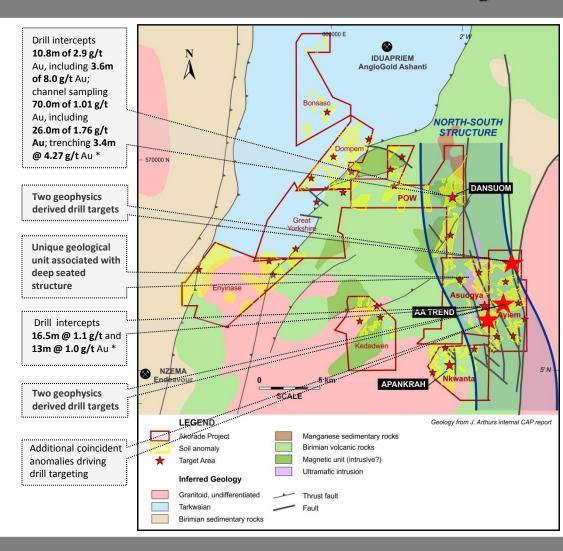
- 1. <u>North-South Structure</u> hosting a 12 kilometre goldin-soil anomaly, which lies immediately adjacent to the Apankrah target area
  - This geological footprint appears to be analogous to what is known of the Nzema mine producing in close proximity to Akorade
- 2. <u>North-East Structure</u> running along the largely underexplored southern Birimian-Tarkwaian structural corridor
  - Many large tonnage deposits have been mined along the northern Tarkwaian boundary, but potential is now being recognized along the southern Tarkwaian boundary



## North-South Structure

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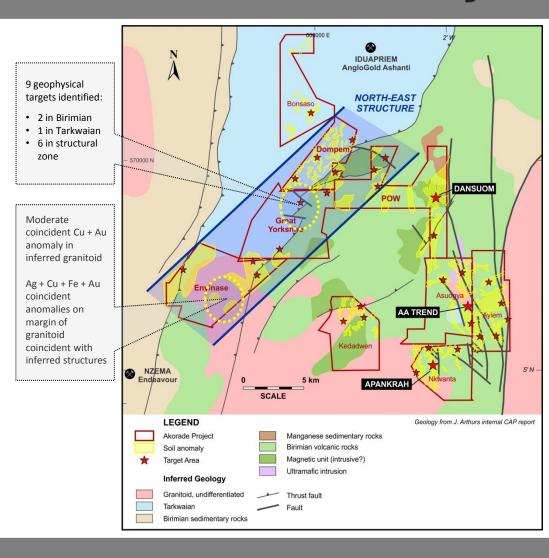
- Multi Element Soil Sampling
  - ✓ Being compiled with other regional data
- Induced Polarization Surveys
  - ✓ Identified different structural trends that may relate to higher grade controls
  - Coincident resistivity and chargeability anomalies on inferred geological discontinuities with gold anomalies
- Geological Mapping
  - Unique geological unit indicative of deep structure = good fluid conduit
- Gravity Survey
  - ✓ Being compiled with other regional data
  - News Release Nov 15, 2011
  - News Release Dec 05, 2012
  - News Release Aug 15, 2011



## North-East Structure

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- Multi Element Soil Sampling
  - ✓ Being compiled with other regional data
- Induced Polarization Surveys
  - ✓ Key in on high-grade targets through gradient IP and ground magnetics
  - First pass geophysical testwork will piggyback on what was learned from fieldwork on north-south structure to provide a detailed interpretation on stratigraphy and structural orientations
- Geological Mapping
  - ✓ Focused on defining Birimian-Tarkwaian boundary zone
- Gravity Survey
  - ✓ Being compiled with other regional data



## Management Team



#### Darren Lindsay, BSc, PGeo – President & Chief Executive Officer

Registered geoscientist with **15 years international experience.** Key player in developing the **multi-million ounce Hope Bay gold deposits** with **Miramar Mining** and later **Newmont Mining**, prior experience with BHP Minerals, Inmet Mining, and Kodiak Exploration

#### Paula Rogers, CA - Chief Financial Officer

Chartered Accountant with 15 years international experience. Corporate Treasurer with **Wheaton River Minerals** before becoming Vice-President, Treasurer with **Goldcorp**, prior experience with Finning International and Deloitte and Touche and is currently Director and Audit Committee Chair for **Timmins Gold Corp**.

#### Clive Arthur, M.Sc, BSc – Vice President Exploration

Economic geologist with over **30 years experience** in the exploration and mining industry. **20+ years** experience **in Africa** with **Anglo-American**, **African Eagle**, JCI and Anglovaal Ltd. Prior experience with Kazakhstan Minerals Corp and as a consultant for projects in Eastern Europe and the FSU. Most recently he worked as Exploration Manager for **European Goldfields** in Romania

#### Henry Sowah, BSc, MBA – Exploration Manager

Native Ghanaian with more than 8 years experience in mining in West Africa, student with Ashanti Goldfields

## **Board of Directors**



**Brian Lock (Chairman)** - 30 years experience in mining, founder of **Proton International Engineering Corp.** (devoted to development of junior mining projects), EVP of Frontier Pacific Mining Corporation since early 2006 until Eldorado Gold's takeover in July 2008. Currently Director of **Scorpio Gold Corporation** and San Marco Resources Inc.

**Peter J. Hawley, P.Geo** – President, CEO and Director of **Scorpio Gold Corp.** and Chairman and Director of **Scorpio Mining Corp.**, Director of Maxtech Ventures Inc., Chimata Gold Corp. and Abitex Resources Inc.

Darren Lindsay, BSc, PGeo - President & Chief Executive Officer of Castle Peak Mining Ltd.

**Randal Gindi** - Founder of Castle Peak and has been involved in the mining industry since 2001. Also a principal in multiple real estate corporations focused on property development and management

**Allan Green** - President and owner of **Consellior SAS**, a French company active in strategic advisory services to public and private companies. He is an active investor in both public and private sectors and has developed strong relationships within European financial institutions

Jurgen Eijgendaal - Managing Director of Ghana Manganese Company Ltd and Nsuta Gold Mining Ltd., a 90% Grizal Enterprises Ltd owned (10% Government of Ghana) gold exploration Company with exploration activities immediately north of Castle Peak's land position. Previously Managing Director of an underground chromite ore mine in South Africa. With more than 14 years in Ghana, he has served as the President of the Ghana Chamber of Mines for two terms between 2006 and 2010 and former member of the Board of Directors of the Ghana Railway Development Authority

## Advisory Committee



**Dr. David I. Groves** - Currently Director of Project Development for Canaco Resources Inc. & Tigray Resources Inc. and an Emeritus Professor at the Centre for Exploration Targeting. Has been honoured as a Fellow of the Australian Academy of Science and received eleven medals for his research over his career, most recently the prestigious Penrose Gold Medal of the Society of Economic Geologists (SEG) and the SGA-Newmont Gold Medal of SGA

**Randy Smallwood, P.Eng** - Founding member and current President and **CEO of Silver Wheaton Corp**., geological engineer with original Wheaton River Minerals who played instrumental part in 2005 merger with Goldcorp into one of the largest, most profitable gold companies in the world. Former Director of **Ventana Gold Corp.**, current Director of Tigray Resources Inc., **Geologix Explorations Inc**. and Riva Gold Corp.



## Summary

- Preliminary inferred mineral resource estimate defined at Apankrah
  - High grade (8.6 g/t Au)
- ✓ Preliminary metallurgy excellent
  - 98% overall with 85% in gravity concentrate
- Internal conceptual study of underground mining approach
  - Amenable to ramp and long hole stopes
  - Presence of shallow high grade stope = pit?
- ✓ Akorade prospectivity to be updated with gravity survey, multi-element soils expected in Q4 2013
  - Low cost target generation
- ✓ Proposed limited drill program Q4 2013

Castle Peak's goal is to create value by defining a pipeline of economic deposits focusing on strong grades. Staged development of the higher grade Apankrah Target Area with eventual expansion to potentially larger deposits within our key structural corridors provides a solid strategy for increasing shareholder value and attracting partnership interest.







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## Capital Structure

Common Shares	116,096,693				
Warrants	43,058,822				
Stock Options	5,317,500				
Fully Diluted	164,473,015				

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Warrants:<sup>2</sup>

- 3,058,822 at \$0.25 expiring July 2014
- 40,000,000 at \$0.10 expiring July 2016

Grizal affiliates include Marsevia Holdings Ltd. and Candel & Partners SAS
Subject to adjustment under certain circumstances

- Insider Ownership: 64.62% (undiluted)
- Strategic Partnerships: Grizal Enterprises Ltd. and affiliates<sup>1</sup> own 56.26%
- Market Capitalization: ~\$3.5M



## Why Castle Peak?

# casilepeak

#### **Mission Statement:**

Castle Peak is a junior exploration company striving to identify grassroots targets and under-valued gold assets in Ghana with the potential for advancing to near term development. The Company endeavours to operate in a safe and environmentally sound manner while continuing to develop working relationships with government officials and members of the local communities.

- Located in the politically stable, mining friendly jurisdiction of Ghana
- ~225 sq. km's covering two key structural trends for gold deposits in the Southern Ashanti belt
- High grade starter operation Apankrah Deposit
- Blue sky at Apankrah and project wide on key structural corridors
- Management team with positive relationships and respected track records

### Contact



#### **Corporate Office**

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Darren Lindsay President & CEO Tel: 604.681.1466 (X222) Email: <u>darrenl@castlepeakmining.com</u>

#### **Ghana Office**

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### **Cautionary Statements**



#### **Technical Information**

Castle Peak's disclosure of technical information in this presentation has been reviewed and approved by Darren Lindsay, P.Geo., Castle Peak's President and CEO, who serves as a Qualified Person under the definition in National Instrument 43-101 ('NI 43-101'). The mineral resource estimate referenced in this presentation was prepared by Andrew Netherwood of SEMS Exploration, an independent Qualified Person as defined by NI 43-101.

On June 13, 2013, Castle Peak filed on SEDAR an NI 43-101 technical report entitled "Apankrah Project NI 43-101 Technical Report" supporting the preliminary mineral resource estimate of the Apankrah Target Area within the Akorade Project with an effective date of June 1, 2013. This report was authored by Andrew Netherwood (AusIMM), Joe Amanor (AusIMM) and Simon Meadows Smith (IOM3) as fulltime employees of SEMS, all of whom act as independent consultants to the Company. The analyses used in the preparation of the mineral resource estimate were carried out at SGS Laboratory Services ('SGS') in Tarkwa. All samples used for the mineral resource estimation represent approximately one-metre, orientated diamond drill core which was sawn in half. Half of the core has been stored in the on-site core yard and its counterpart sent for preparation and gold assaying by SGS. Samples were analyzed by 50g charge fire assay with an atomic absorption finish. Samples with visible gold returning initial assay results >5g/t Au were re-analyzed using screen metallic method. Sampling procedures included the systematic insertion of blanks, certified standards and duplicates into the sample stream both in the field and at the lab. SEMS conducted an independent review of Castle Peak's drill hole and QAQC databases and concluded that Castle Peak's gold assay data is of acceptable guality to be used for a mineral resource estimate and made certain recommendations for future QAQC protocols. The procedures at all other concessions and properties other than the Apankrah Deposit include the systematic insertion of blanks, standards and duplicates into the sample stream both in the field and at the lab; drill and road cut channel samples are placed in sealed bags and are delivered to SGS Laboratory Services GH Ltd. in Tarkwa, Ghana, for routine gold analysis by 50g charge fire assay with atomic absorption finish. Samples with visible gold or returning greater than 5 g/t Au from fire assay are subject to analysis using screen metallic assay. Multi-element soils survey samples are placed in sealed bags and are delivered to ALS Minerals in Kumasi, Ghana, for routine agua regia ICPMS multi-element analysis. The concessions and properties other than the Apankrah Deposit are early stage exploration projects and do not contain any mineral resources as defined by NI 43-101. The potential guantities and grades disclosed herein relating to such concessions and properties are conceptual in nature and there has been insufficient exploration to define a mineral resource for those targets disclosed herein. It is uncertain if further exploration will result in those targets being delineated as a mineral resource. Further information is available in the NI 43-101 compliant technical report dated February 14, 2011 and entitled "NI 43-101 Technical Evaluation Report on Nkwanta & Ayiem concessions, Wassa-West District, Republic of Ghana, West Africa" authored by Daniel Gaudreault, P.Eng. and Alain-Jean Beauregard, P.Geol. of Geologica Groupe-Conseil Inc., and in the NI 43-101 compliant technical report dated January 2, 2012 and entitled "NI 43-101 Technical Report on the Asuogya License, Ghana" authored by Gareth O'Donovan, Corporate Exploration Consultant, of SRK Exploration Services Ltd, copies of which are filed under the Company's profile on SEDAR at www.sedar.com. Castle Peak has not made a definitive development decision nor has it made a production decision at this time. Castle Peak plans to complete a preliminary economic assessment to define its potential development plans. If the Company makes a production decision, it will disclose the basis of such decision in accordance with the requirements of NI 43-101.Castle Peak's disclosure of technical information in this presentation has been reviewed and approved by Darren Lindsay, P. Geo., Castle Peak's President, who serves as a Qualified Person under the definition of National Instrument 43-101. The mineral resource estimate referenced in this presentation was prepared by Andrew Netherwood of SEMS Exploration, an independent Qualified Person as defined by NI 43-101.

### Appendix – Achievements



- Secured ~225 km<sup>2</sup> land tenure covering two major structural corridors in the southern Ashanti belt – continue to maintain land package in good standing
- Performed project wide geophysical VTEM survey: 3,425km
- Compiled and reviewed all historical streams, soil, auger sampling and trenching
- Completed target generation on all concessions based on geophysical, geochemical and interpreted geology
- Completed 43-101 technical reports on the Nkwanta, POW, Asuogya and Ayiem concessions
- Completed 11,400m of phase one drilling on three different target areas to define the high grade Apankrah Shoot, as well as confirm high grade visible gold in structure at Scorpio and Nana
- Built access road to Dansuom in order to advance target through selective gradient IP and pole-dipole surveys, which indicated strong N-S structure and E-W stratigraphy
- Upgraded regional geological understanding via creation of a fact map focused on Apankrah and high priority targets
- Announced preliminary mineral resource estimate on the Apankrah Deposit



## Castle Peak Mining Ltd.



### Our goal : Become the Ghana explorer and developer of choice.

#### Near term development potential: consider development opportunities

- Studies in progress and work program leading to Mining License
- Complete PEA
- Mining friendly jurisdiction with consistent permitting process

#### Low risk operation:

- Potential initial open pit transitioning to high grade underground
- Gravity +CIL circuit with 85% gold reporting to gravity concentrate
- Excellent infrastructure: roads, power, water, labour

#### Organic growth: Leverage high potential land package

- 25+ exploration targets on two key structural trends
- Opportunity to add additional high grade material immediately adjacent to Apankrah
- Opportunity to add large low grade systems on key trends changing the game