



International Mining and Resource Conference Presentation

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ASX : CHN TSX : CXN



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A unique, well-funded junior explorer



District-scale, tier-1 exploration projects

• Two potentially transformational drill programmes coming up in Australia and Canada

Strong balance sheet

- c. A\$34M in cash + A\$2M in liquid investments + A\$3M current receivables at 30-Sept-18 (~A\$39M / 14.7cps)
- ~A\$10M (4cps) capital return proposed for Nov 2018

Proven and experienced team

• Large, highly capable team with broad experience and specialist expertise

Track record of success

 Proven business model, with net proceeds from asset sales of ~A\$107M, ~A\$25M capital return in 2012

Portfolio of District-Scale, High Impact Projects in Australia and Canada

chalice



- ~3,080km² land holding NW of the >22Moz Bendigo Goldfield and NE of the >7Moz Fosterville Gold Mine
- Multiple large-scale geochem-gravity targets identified overlying major regional structures
- Maiden drill program scheduled for early Nov 2018



- 245km² area covering 27km of strike along the prolific Larder Lake-Cadillac Fault in the Abitibi Greenstone Belt
- Maiden 27,600m diamond drill program in early 2018, resulting in 3 new gold discoveries
- Second phase of drilling scheduled for early Jan 2019

What the industry is saying...

"

There is an absolute appetite to improve the portfolio mix... and Australia and North America are very much focus areas

AngloGold Ashanti

We're open for business in the exploration space, we're actively looking for new partners.... if you have got a project, come and talk to us Newcrest

The most exciting part about Fosterville is the host of other targets that are there and the opportunities – maybe we still haven't found the real gold deposit yet... We believe there's more to come Kirkland Lake Gold





Pyramid Hill is a district scale 3,080km² project acquired in late 2017, in the highly prospective and re-invigorated North Bendigo zone





- Bendigo Zone has produced >60Moz of high-grade gold
- Victorian Govt 'Gold Undercover' estimated an undiscovered gold endowment of ~32Moz Au in the northern Bendigo Zone under Murray Basin cover
- Chalice controls 3,080km² in 3 districts;
 - NW of world-class 22Moz @ 15g/t Au Bendigo Goldfield
 - NE of the 7Moz Fosterville Gold Mine of Kirkland Lake Gold (ASX: KLA | TSX: KL) – US\$261/oz Op. Cash Costs YTD 2018
 - W of Catalyst Metals (ASX: CYL) Tandarra and Four Eagles
 Projects
- Region under cover is poorly explored, with limited discoveries
- 3 major regional faults which host Bendigo, Ballarat, Castlemaine and other significant deposits extend through the Project

>70km of strike coverage along major regional structures

Pyramid Hill four large gold-in-soil anomalies identified in July, overlying three major regional faults – all largely untested





Anomaly	Size at 5.5ppb Au contour (km)	Peak Gold Value (ppb Au)
West	12 x 2.8	81
East	12 x 2.7	21.5
Central	5 x 2.7	20.7
North	5 x 2.0	9.6

- Low level gold anomalism in soil is a strong indicator of gold in underlying bedrock
- The anomalies are **significant**, as they have **scale**; overlie **major structures** and are proximal to large and high grade gold deposits
- BLEG soil >20ppb Au
 BLEG soil 8-20ppb Au
 BLEG soil 5.5-8ppb Au
 Faults
 Historical Mining Centre
 Advanced Target
 Maiden drill program to commence in early Nov 2018
- 8

Pyramid Hill maiden 8,500m drill program commencing in early November, drilling three large-scale target areas that are effectively untested





Pyramid Hill initial drill targets have geophysical and geological similarities to Bendigo - providing enormous upside potential



Source: Hughes, F.E. 1990, Geology of the Mineral Deposits of Australia and Papua New Guinea, The Australasian Institute of Mining and Metallurgy, Melbourne





East Cadillac is a district scale 245km² project acquired in late 2016, located in the prolific Abitibi greenstone belt (regional gold endowment of >210Moz)



- >27km of strike along the Larder Lake Cadillac Fault – the most prolific gold trend in the southern Abitibi, with known gold endowment of >100Moz
- 14 earn-in / purchase agreements executed since late 2016 to consolidate ownership 70-100%
- ~C\$12 million spent to date on exploration
- Mineral Resource at Nordeau West propsect based on historical drilling of c. 175koz Au @ 4.1g/t Au¹

Quebec is a mining friendly jurisdiction with no state royalty and a ~30% exploration rebate

1 NI43-101 and JORC 2012 compliant Mineral Resource at Nordeau West – Indicated 225,000t @ 4.17g/t Au and Inferred 1.11Mt @ 4.09g/t Au

The Project is along strike from several globally significant gold mines and surrounds a historical high-grade gold mine



The Project has all season access and excellent nearby infrastructure



~35km by sealed highway from town of Ш Val-d'Or (~30,000 people) All season access to the property Ê Geochemistry access May – October Drilling access on entire property in winter, restricted to non-wetland areas in summer World class infrastructure including road, rail and power Multiple gold processing facilities in the region

East Cadillac previously segmented ownership limited regional exploration in the district for decades; we have consolidated ownership 70-100%



East Cadillac drilling has focused on finding another large (Malartic / Sigma-Lamaque) style deposit, with three new discoveries since acquisition



East Cadillac recent soil sampling has identified the large Legrand and Anderson MMI soil anomalies – new large-scale targets for drilling in Jan-19





Legrand Anomaly

- 3.4km x 1.3km coherent MMI gold-in-soil anomaly
- Peak of 22x background
- Similar geochem pathfinder signature and structural setting to >16Moz Canadian Malartic
- Untested by drilling

Anderson Anomaly

- 2.3km x 0.5km coherent MMI gold-in-soil anomaly
- Multiple large gold deposits along a regional structure to the west
- Untested by drilling



Corporate

Our business model and track record is sound; we have acquired well and advanced projects quickly...



...prudent and well-timed asset sales have generated ~A\$107M after tax proceeds to date

Corporate snapshot



Capital Structure

Australian listing	ASX: CHN
Canadian listing	TSX: CXN
Shares on Issue	~266M
Shares – fully diluted	~285M
ASX 52 week high/low	A\$0.22 / A\$0.13
TSX 52 week high/low	C\$0.22 / C\$0.13
Cash	A\$34.1M
Liquid investments	A\$2.1M
Current receivables	A\$3.0M
Market capitalisation	~A\$37M
Enterprise value	~nil

Top Shareholders



As of 30 Sept 2018 (rounded), excludes proposed capital return of 4cps

Board and management team





Tim Goyder, Executive Chairman

- 40+ year industry veteran
- Long track record of success as an investor, entrepreneur and company director
- Largest shareholder of Chalice (~17%)



Stephen Quin, Independent Non-Exec Director, PGeo

- 35 years experience in mining and exploration
- President and CEO of Midas Gold Corp (TSX: MAX)



Morgan Ball, Lead Independent Non-Exec Director, BCom, ACA

- Chartered Accountant with 25+ years experience
- Significant mining, commercial and corporate experience
- Chief Financial Officer of Saracen Mineral Holdings (ASX: SAR)



Alex Dorsch, Chief Executive Officer, BEng (Hons), BFin

- Experienced consultant, engineer and corporate advisor in the energy and resources sectors
- Previously Specialist consultant with McKinsey & Company



Dr Kevin Frost, GM – Exploration, BSc (Hons) PhD MAIG

- Geologist with 30+ years experience
- Highly regarded geologist within proven history of discovery
- Part of the discovery team for the Flying Fox and Spotted Quoll nickel deposits (Western Areas)

Richard Hacker, Chief Financial Officer, BCom, ACA, ACIS

 20+ years professional, commercial and corporate experience in the resources and energy sector in Australia and the UK

Patrick Lengyel, Exploration Manager – Canada, BSc

- Geologist with 20+ years experience
- Extensive experience in orogenic gold and base metals
- Previously Principal Geologist at Teck Resources Limited

Two potentially transformational drill programmes commencing over the next 3 months in Victoria and Quebec





Company Highlights



District scale exploration projects

across prolific geological terranes in tier-1 jurisdictions, two potentially transformational drill programmes coming up



Well funded

c. A\$39M in current assets4cps capital return proposed for Nov 2018



Proven track record

~A\$107 million generated from asset sales to date





Thank You

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Appendix

Canada

EAST CADILLAC GOLD PROJECT

Chalice has taken a systematic, ground-up approach to exploration, and has continued to consolidate ground over the last ~24 months



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EAST CADILLAC GOLD PROJECT

Current field season aims to vector in on high grade within areas of known mineralisation and explore 5 new large-scale target areas

- North Contact OPEN Lac Matchi-Manitou Larder Lake - Cadillac Fault -Lac Villebon East East Cadillac Gold Project Mineralised trend Lac Villebon Gold occurrence 2017-2018 DDH Lac Saucisse 2018 Soil samples 2018 3DIP 5km Ameri 2018 Amag
- 5 new large scale target areas defined from recent structural reinterp work
- Build on North Contact and Lac Rapides discoveries and follow up on historical occurrences
- Total program budget of c. C\$1.9M
- July-Oct 2018



EAST CADILLAC GOLD PROJECT

Drilling confirmed >3.5km of strike is mineralised at Simon West, with multiple steep dipping gold zones with high grade (~18g/t Au) cores



0.1 – 0.5 0.5 – 1.5

1.5 – 5.0

Mineralised Zones

Mafic Volcanic Intermediate Volcanic Undiff. Sediment

Iron Formation

Overburden

Graphite

> 5.0

Plan view – Simon Far West to Nordeau West



Cross section through holes 20-21 (looking west)

EAST CADILLAC GOLD PROJECT

The North Contact discovery was made in Q2 2018, with a wide 23m @ 1.1g/t Au hit including 2 high grade cores; wide open in all directions





- Mineralised trend
- 2017-2018 DDH

Geophysics – 3D-IP (Orevision) 2017



A 3D-IP Orevision survey was completed over 16 km strike on 200m-spaced sections during summer 2017 centered over the Larder Lake - Cadillac Fault (LLCF)

- Strong discrete and strike continuous chargeability anomalies identified within the survey area
- Chargeability anomalies coincidental with majority of known Au deposits/ occurrences
- Strong 13km strike length IP chargeability anomaly coincidental with North Contact target
- Untested IP anomalies elsewhere along favourable structures/ contacts

Follow up for 2018 includes continuing the 3D-IP survey along the eastern extension of LLCF to Lake Matchi-Manitou



East Cadillac IP Chargeability over regional geology

Geophysics – Aeromagnetics 2018

Three heli-mag aeromagnetic surveys (50m and 70m line spacing) completed during summer 2017, January 2018 and August 2018

Various magnetic images (TMI, RTP, 1VD, TDR) have been utilised to compile a lithostructural interpretation of the project area

Aeromagnetics provided the basis of litho-structural interpretation which shows the greenstone belt succession comprises a polyphase deformed sequence of strongly magnetic BIF, dolerite and ultramafic, moderately magnetic mafic volcanics and weakly magnetic siliciclastic sediments



East Cadillac TMI RTP TDR aeromagnetic image, prospects and 2018 MMI soil anomalies

Geochemistry – MMI soil sampling coverage 2018



Four soil sampling programs have been completed on the ECG property. The first soil program was completed during fall 2016 on the Globex Option.

The following summer field crews returned in June to cover the Richmont Option and the 100% Chalice claims to the south. Later that year the Khalkos Option and the 100% Chalice claims to the north were acquired and sampling was completed in the fall of 2017.

In the summer of 2018 new 200 x 200 m and 400 x 400 m grids were sampled on the Renforth Option, as well as 200 x 200 m infill at Sausage Lake, Forsan, and the northern claims



Geochemistry – MMI soil sampling results – Gold 2018



MMI samples collected by hand-auger with the preference to collect an inorganic (B Zone) sample below surface organic soils (not possible in wetland areas)

- Soils initially collected on a 400m x 400m reconnaissance grid (regional sampling) or a 200m x 200m grid (LLCF corridor)
- Infill sampling (200m x 200m) completed as a follow-up to any significant 400m x 400m anomalies

Soil results shown as gold response ratio (dividing gold value by the average of the lowest quartile of all the gold values, and rounding to the nearest integer). The response ratio is used because it gives a better indication of the anomalous values



East Cadillac MMI soil sampling Au response ratio over regional geology

Geochemistry – MMI soil sampling results – Arsenic 2018



MMI samples collected by hand-auger with the preference to collect an inorganic (B Zone) sample below surface organic soils (not possible in wetland areas)

- Soils initially collected on a 400m x 400m reconnaissance grid (regional sampling) or a 200m x 200m grid (LLCF corridor)
- Infill sampling (200m x 200m) completed as a follow-up to any significant 400m x 400m anomalies

Soil results shown as arsenic response ratio (dividing arsenic value by the average of the lowest quartile of all the arsenic values, and rounding to the nearest integer). The response ratio is used because it gives a better indication of the anomalous values



East Cadillac MMI soil sampling As response ratio over regional geology

Chimo Gold Mine (Cartier Resources: TSX-V:ECR)



Historic Production - 379,012 oz Au @~4.8g/t Au

Depth: from surface to >900m

Surface expression: 1.5km strike within Chimo property boundary

Width: 570m

Thickness: Roughly 5-20m individual zones within 'clusters' up to 200m

Style: Orogenic

Narrow high grade quartz veins (orogenic overprint)

2017 Deep Drilling by Cartier Resources testing down dip extension of Chimo workings (CH-46 & 47). Northern most stope projects down dip onto ECG property at approximately 1050m vertical depth

45,000m diamond drilling program now underway to define resource



EAST CADILLAC GOLD PROJECT

Major deposits in the Abitibi – Canadian Malartic





Major deposits in the Abitibi – Sigma-Lamaque

Sigma-Lamaque (>11Moz @ ~7g/t Au)

Mineralisation Footprint Characteristics

- **Depth:** from surface to >1,800m
- Surface expression: from 300m (Lamaque) to 500m (Sigma)
- Width: Up to 300m
- Thickness: Various (up to 6m stacked shear zones and up to 10-25m thick stacked veins veins)
- Style: IRGS Orogenic

Gold, Sigma Lamaque NI43-101

Corp. Annual Information Form

• Narrow high grade quartz veins (orogenic overprint)







igure 7.7 – Typical north-south cross section through the Sigma and Lamague mines at the deposit scale, showing the en-echelon distribution of fault-fill veins between both bordering shear zones, and the branching of moderately and steeply dipping fault-fill veins that isolate lozenge-shaped blocks. Dashed horizontal lines are mine levels. Figure modified from the 1999 Annual Report of McWatters Mining Inc.



EAST CADILLAC GOLD PROJECT

Major deposits in the Abitibi – Goldex

Goldex (>5Moz @ ~1.7g/t Au)

Mineralisation Footprint Characteristics

- **Depth:** from surface to >300m (M zone only)
- Surface expression: >250m (M zone)
- Width: >300m
- Thickness: >250m
- Style: IRGS

Source: Genest, R., 2012 Technical Report on Production of the M and E Zones at Goldex Mine https://www.agnicoeagle.com/











The Kinebik Gold Project covers >30km of strike along the Casa Beradi Fault – an underexplored greenstone belt





- ~187km² property area covering >30km of strike along the Casa Berardi Fault
- Belt hosts several significant gold deposits including:
 - Casa Beradi (c. 6Moz) owned by Hecla Mining (NYSE: HL)
 - Douay (c. 3Moz) owned by Maple Gold Mines (TVX: MGM)
- Historical exploration almost nonexistent
- Numerous soil geochemical and 3D IP
 anomalies identified to date



Appendix

Australia

Warrego North several large IOCG targets prospective for high grade goldcopper – next phase of work in early 2019

Rooster

Target





- Tennant Creek historically exploited for high grade IOCG style gold and copper – resulting in several 'company making' mines
 - Large magnetic Target
 - Multiple ironstones inferred from geophysics and shallow ineffective historical drilling
 - To be drilled once EL31609 granted, expected in early 2019
- Emu Target drilled in Aug 2018, anomalous copper readings were observed, however no high-grade gold
- Parakeet Prospect drilled in 2017, best intersection of 8m @ 1.7% Cu and 0.4g/t Au – prospective but lacking high grade gold

Yilgarn Project consists of five prospective holdings in the Eastern Goldfields and Southern Cross regions





48km² area ~50km NE of the world class Gwalia gold mine (>5Moz Au) and proximal to other smaller orogenic gold deposits along

75km² area adjacent to the highly prospective Keith Kilkenny Shear Zone, a major regional lineament known for its regional prospectivity and gold endowment

11.6km² area adjacent to Bunjarra in the same regional zone

55km² area located in the Holleton greenstone belt

Nulla South (Ramelius earning 75%)

275km² area ~25km SE of the actively producing Edna May gold mine (>1Moz Au) over the Westonia greenstone belt

The Flinders River Vanadium Project surrounds >3 billion tonnes of vanadium resources and has excellent infrastructure access



- Nine exploration licence applications
- Surrounds the ~2.6Bt @ 0.32% V₂O₅ shalehosted Richmond Vanadium Project (AXF Group / Intermin Resources ASX: IRC)
- Vanadium-bearing Toolebuc shale potentially extends over licence areas based on a similar radiometric response
- Wide spaced aircore drilling program to assess thickness and grade planned

Julimar Nickel-Vanadium Project is prospective for Nickel-Copper-PGEs and intrusion related Vanadium-Titanium mineralisation



- Two licence applications covering an interpreted large (26 x 7km) layered mafic-ultramafic intrusive complex
- Excellent access via Great Northern Highway, located just 80km NE of Perth
- Geophysics program scheduled for end Q3 2018

Portfolio of District-Scale, High Impact Projects in Australia and Canada

