



Eastmain Resources Inc.

Corporate Presentation

September 2012

Adding Value Through Discovery



75° 48' 52" W 52° 13' 01" N

72° 05' 19" W 52° 18' 01" N

75° 57' 20" W 52° 37' 06" N

Certain information set forth in this Presentation may contain forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond the control of Eastmain, including, but not limited to the impact of general economic conditions, industry conditions, dependence upon regulatory approvals and the availability of financing. Readers are cautioned that the assumptions used in the preparation of such information, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements. Some of my commentary may contain forward-looking information, therefore, you are cautioned that the Corporation's actual results could differ materially from my conclusions, forecasts or projections. I refer you to the section entitled "Risk Factors" in our Annual Information Form available on www.SEDAR.com which sets out certain material factors that could cause actual results to differ.

Only 13 Gold Projects in North America are >1.5 M oz with >3 g/t Au

Overview

- Eau Claire Gold Deposit – High-Grade Open Pit (>3 g/t Au)
- Quebec – Low Political Risk & Significant Financial Incentives!
- Permanent road access & proximal to power
- Metallurgy – high gravity + flotation recoveries (92 to 95%)
- Resource expansion – open laterally & at depth
- Large land position – 200 km²
- 2012 Objectives – expand Open Pit & Total Gold Resources

Focused on Gold Exploration in Mine-Friendly James Bay, Québec

Company Overview

- **Two high-grade gold deposits:**
 - Eau Claire (Clearwater Project)
 - Eastmain Mine
- **Goldcorp JV – Eléonore South**
- **Project pipeline covering >1,200 km²**
- **Financial incentives (50% rebate)**
- **Mine-ready infrastructure (roads, power) at Clearwater**
- **Québec's Plan Nord program constructing permanent road access to Eastmain Mine**
- **Share ownership: (approx: 50% institutional)**
Goldcorp is the largest shareholder (7.5%)

Summary Market Statistics

Symbol / Exchange	TSX:ER
Share Price Range ⁽¹⁾	C\$0.75 – 1.52
Shares Outstanding (Basic)	97.8 M
Options (average price \$1.09)	5.30 M
Warrants (average price \$1.47)	0.24 M
Shares Outstanding (Fully Diluted)	103.4 M
Market Capitalization	C\$85 M
Treasury	C\$14 M
Total Debt (31-Jul-12)	nil

(1) As at close on August 16, 2012

(2) As of April 30, 2012, Eastmain had cash and cash equivalents of \$11.5 M, marketable securities of \$3.7 M, prepaid accounts \$ 0.35 M and accounts payable of \$1.1M.

100% Ownership of Two high-grade Gold Deposits in Québec

Resource Summary

	Tonnes (000's)	Au Grade (g/t)	In Situ Gold (oz, uncapped)
Eau Claire - Open Pit ⁽¹⁾			
Measured & Indicated	2,730	5.72	502,000
Inferred	1,400	2.83	127,000
Eau Claire – Underground ⁽²⁾			
Measured & Indicated	630	6.46	130,000
Inferred	3,920	7.21	910,000
Total Measured & Indicated	3,360	5.86	632,000
Total Inferred	5,320	6.06	1,037,000
Eastmain Mine ⁽³⁾			
Measured & Indicated	800	9.95	255,750

(1) 2011 Resource estimate includes drilling up to the end of 2009 and was completed in April 2011 by P&E Mining Consultants.

(2) Underground grade based on a 2.5 g/t cut-off grade; Open pit grade using a 0.5 g/t cut-off grade.

(3) The Eastmain Mine Historical Resources may not be NI 43-101 compliant. A Qualified Person has not done sufficient work to classify them as current mineral resources. The issuer is not treating these historical resources as current mineral resources and these resources should not be relied upon.

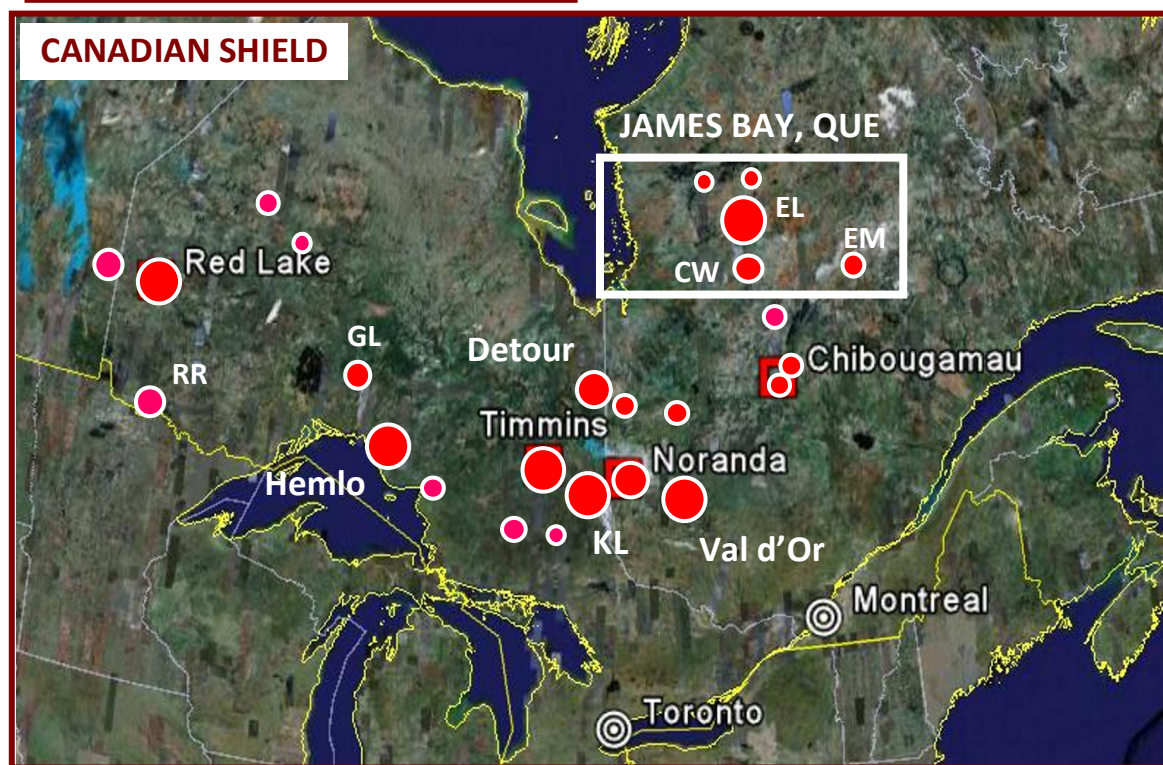
Gold Mining Camps in the Canadian Shield

James Bay, Québec – An emerging Top 10 Mining Camp

Gold Mining Camps in the Canadian Shield



GOLD DEPOSITS

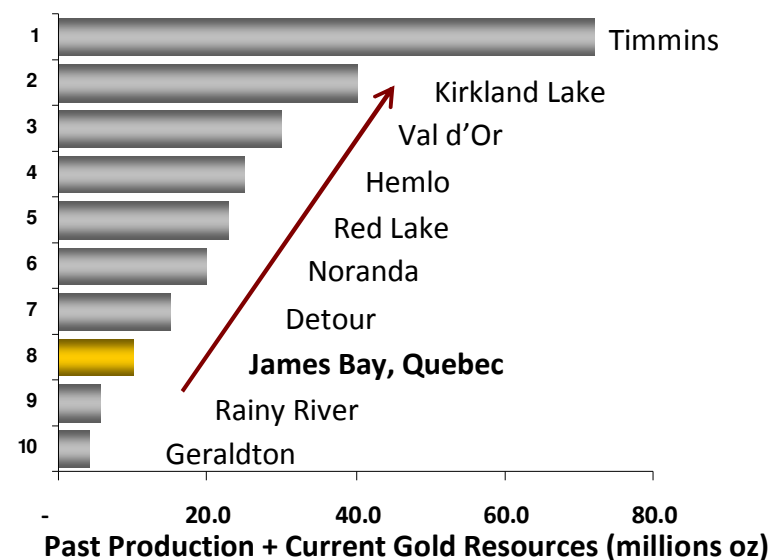


Abbreviations: CW – Clearwater; EL – Eleonore; EM – Eastmain Mine; GL – Geraldton; KL – Kirkland Lake; RR – Rainy River

Overview

- Over **200 million ounces** gold produced from Canadian Shield **Greenstone Belts**
- Several “Mining Camps” occur within these belts; each defined by one or more **Giant deposits** (>10 million oz)
- James Bay, Québec, a NEW mining district ranks amongst **the top 10 gold camps** in the Canadian Shield
- James Bay, Québec is underexplored and **climbing in importance**

Top 10 Canadian Gold Camps

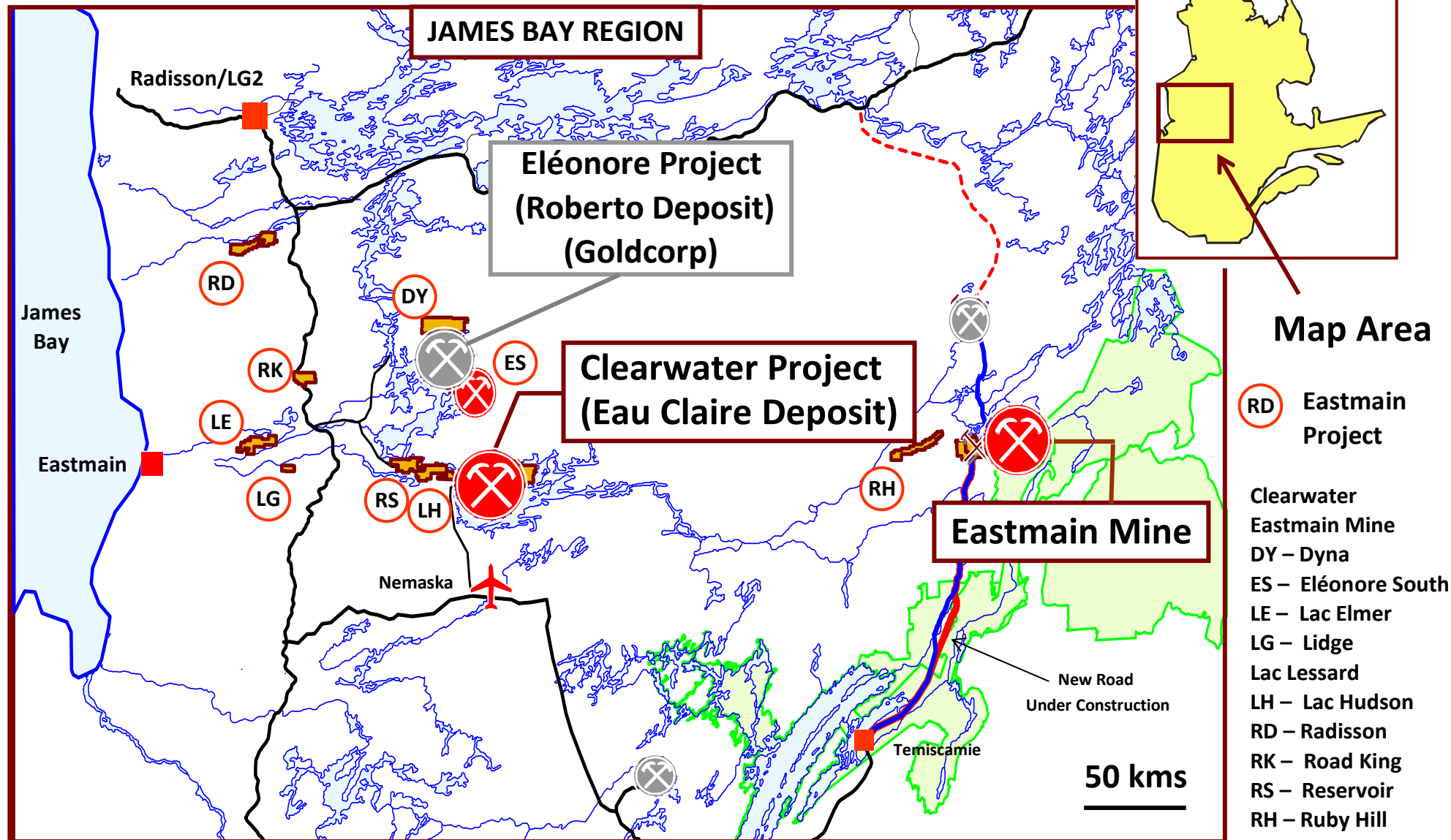


James Bay, Québec – Project Location Map



Portfolio of Attractive Properties in Highly Prospective Greenstone Belts

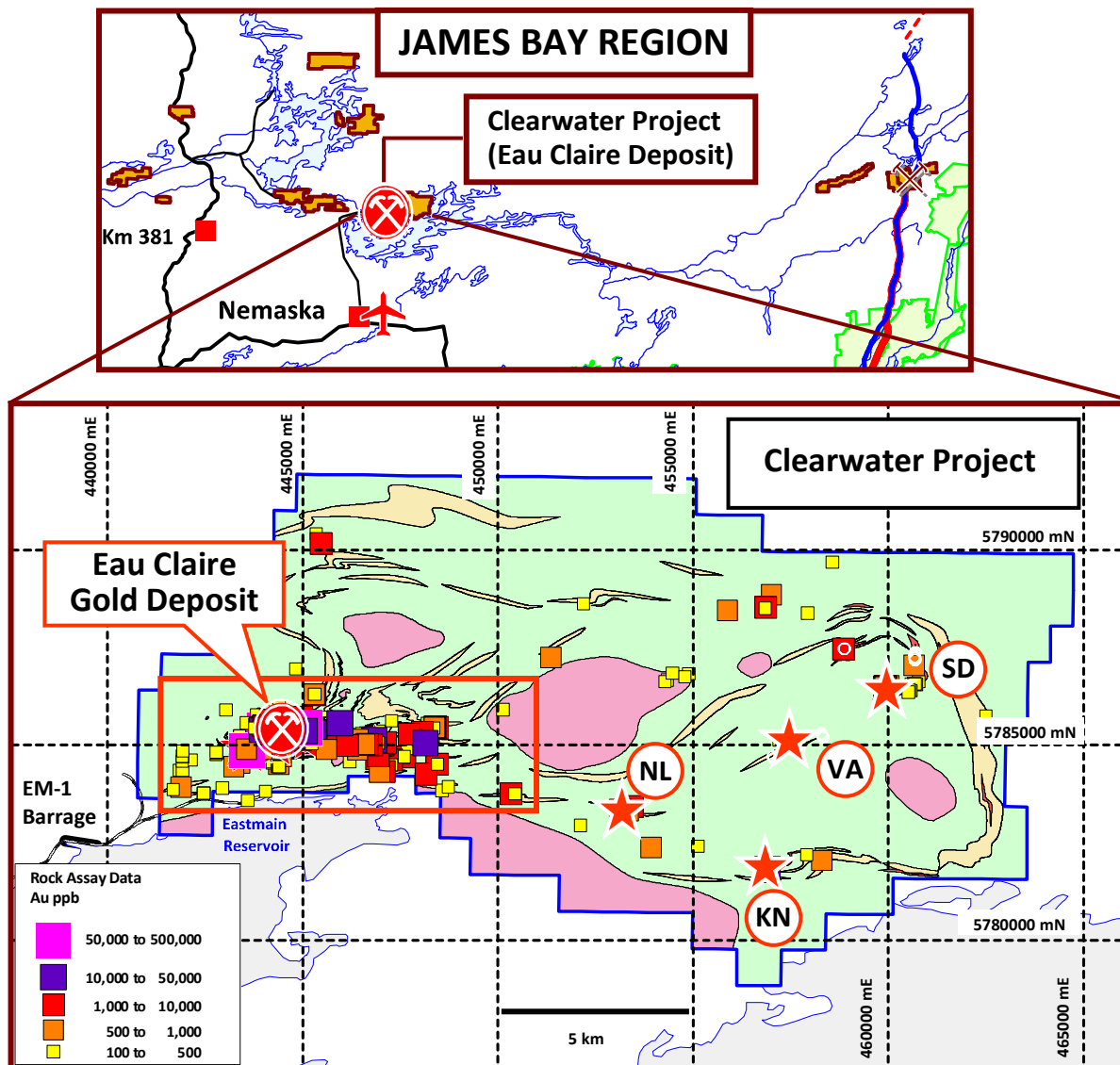
James Bay – New Mining District



Clearwater Project Overview

Clearwater: Eastmain's Flagship Project (Contains Eau Claire Gold Deposit)

Project Geology and Location Map



Project Overview

- 20,067-hectare land package (200 km²)
- Excellent **road access** via Hydro Québec's EM-1 power facility
- **Eau Claire Gold Deposit:**
 - **0.63 M oz Open Pit and**
 - **1.04 M oz Underground resource**
 - Potential to expand OP & UG
- **Large deposit footprint** - 2 kms long by 300 m wide to 900 m depth & Open
- **Mining Camp-scale gold-bearing corridor** over 5 kms in length
- **Regional Target Areas**
 - Natel (NL)
 - Vanna (VA)
 - Serendipity (SD)
 - Knight (KN)
- **\$7 M Budget – 40,000 m drilling**

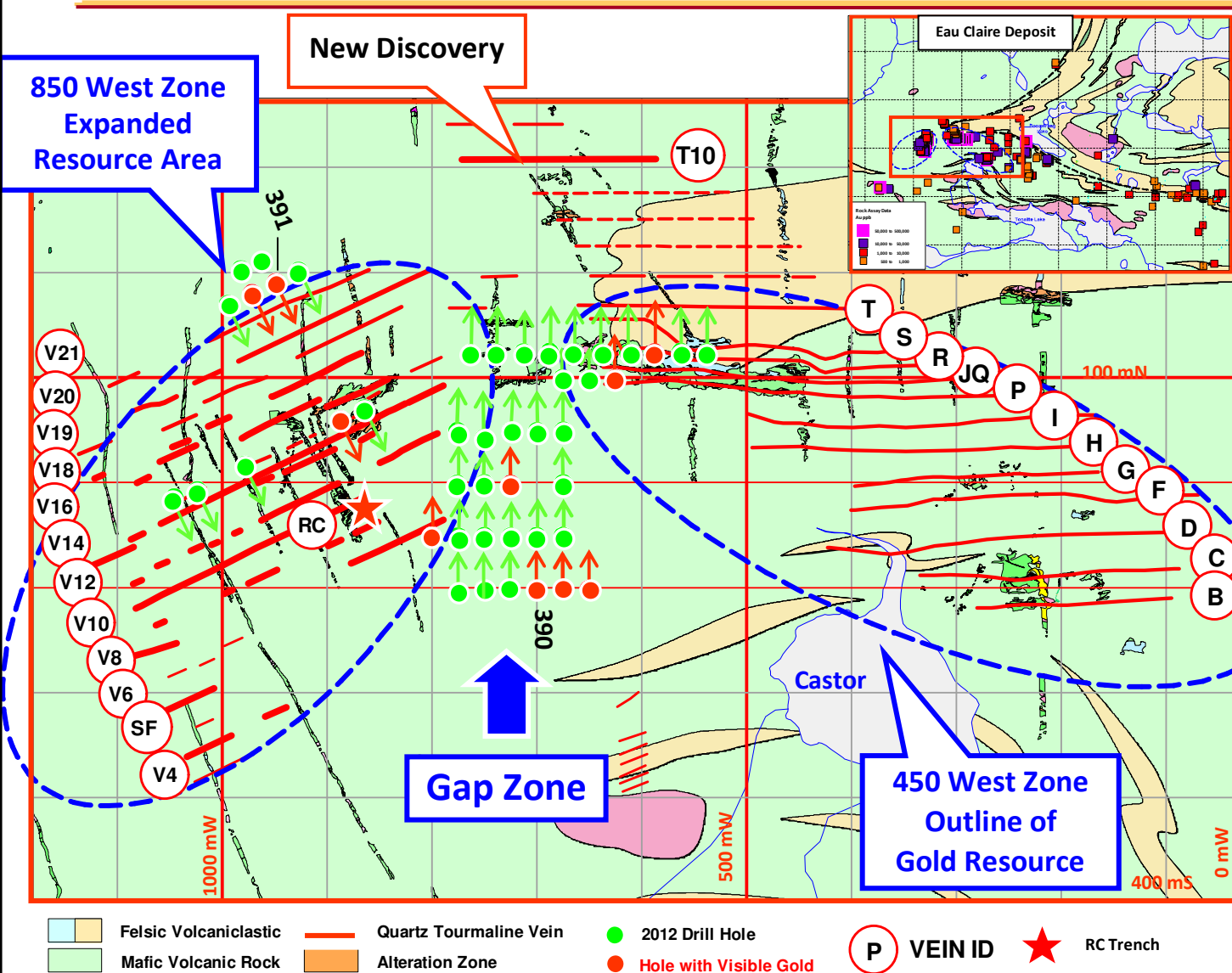
Note – Regional “drill ready” targets well outside the limits of the Eau Claire gold resource at Natel, Vanna, Serendipity & Knight Prospects. Regional gold-bearing corridor defined by >5,000 rock samples & >12,000 soil samples. The northern half of the property has limited previous work and represents a future exploration target.

Eau Claire Gold Deposit – 2012 Drill Plan (40,000 m program)



Veins T10 & V19 – multiple intercepts with visible gold

450 & 850 West Zones & Gap Zone



Eau Claire Deposit

- **850 West Zone** – 100 drill intercepts not in current resource estimate, average grade 6.50 g/t Au over 6.09 m
- Multiple vein intercepts North & West of both **450 & 850 West Zones** (with visible gold) from 2012 drilling
- **2012 Priority** – expand high-grade Open Pit resources

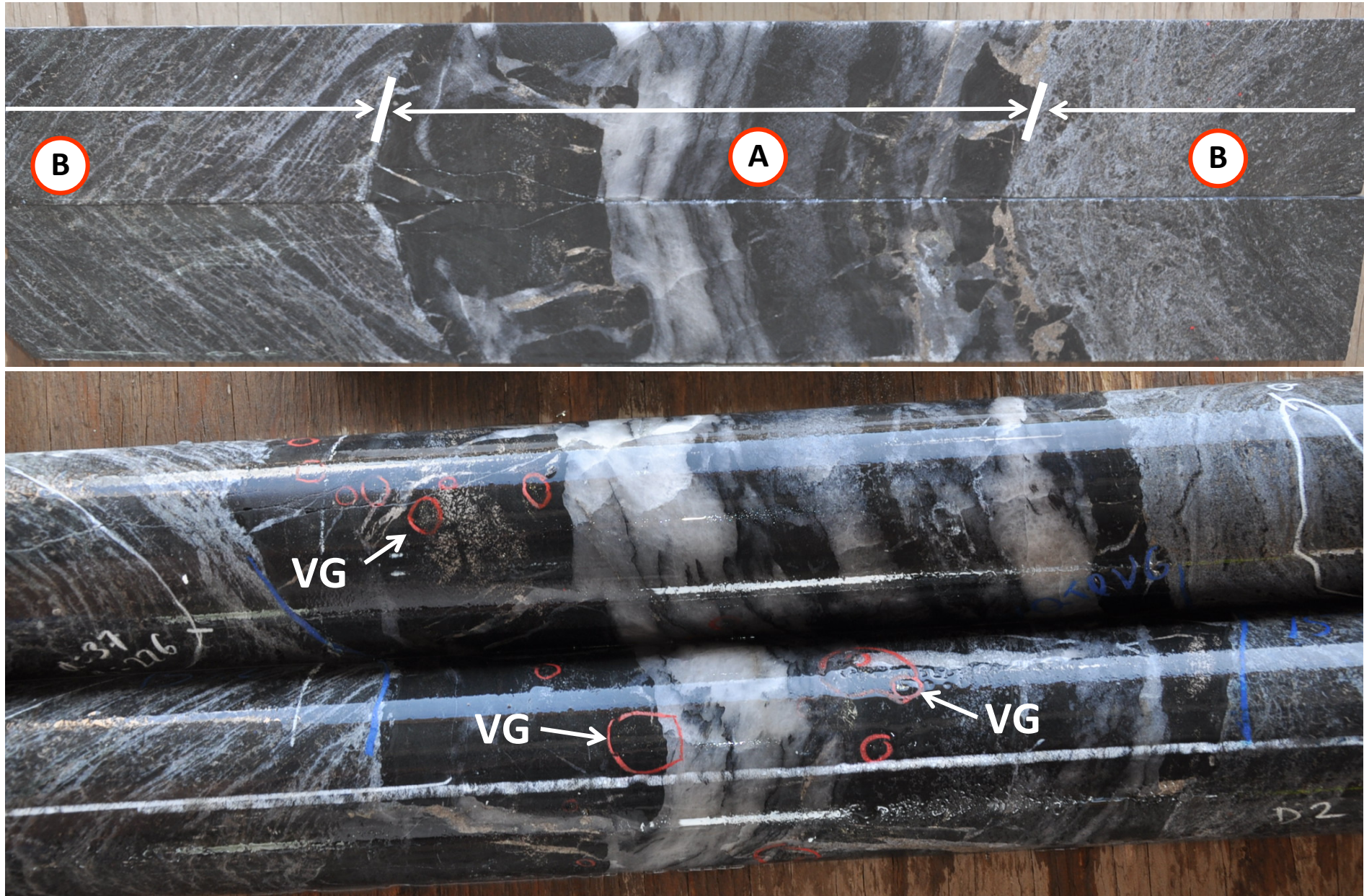
2012 – Highlights

- **T10 Vein expansion**
150 metres long, traced to >200 metres vertical depth
- **Visible gold** detected in 10 holes
- **357** 2.23 g/t Au / 16.5 m incl. 47.8 g/t Au & 109.5 g/t Te over 0.5 m
- **358** 5.90 g/t Au / 6.0 m incl. 35.9 g/t Au & 43.5 g/t Te over 0.5 m
- **369** 12.25 g/t Au / 5.0 m incl. 29.24 g/t Au & 53.8 g/t Te over 2.0 m

Note – **Visible gold** and tellurides observed within Quartz-tourmaline veins in 10 drill holes. RC Trench – Soccer Field discovery. T10 Vein – 150 m long, 0.5 to 22.0 m wide, traced to >200 m vertical depth; OPEN laterally & to depth.

850 West Zone – Drill Hole 303 (Vein 12)

7.79 g/t Gold across 10.5 m, incl. 24.9 g/t Au & 26.7 g/t Te across 2.5 m



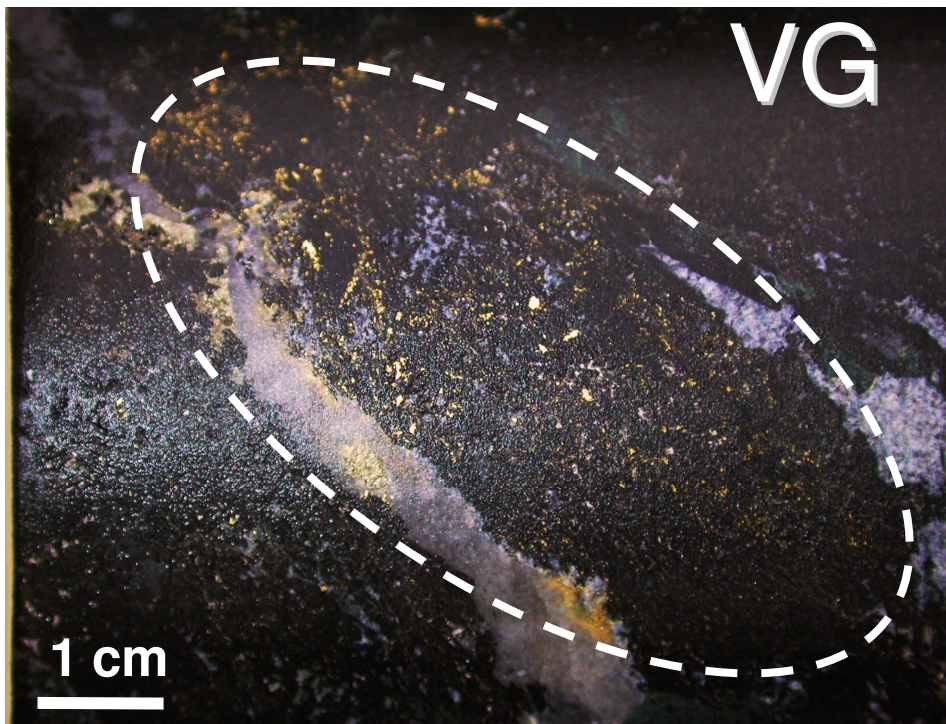
Note – Drill hole 303 intersected 10.5 m at 7.79 g/t Au (V12) including 24.9 g/t Au over 2.5m. Photos illustrate a central laminated quartz-tourmaline vein (A) bounded on both sides by a tourmaline-rich replacement zone (B) along the rock foliation. VG – visible gold.

Metallurgical testing demonstrates high gold recoveries

- Eau Claire Deposit contains **high-grade vein & bulk tonnage style** mineralization
- **Veins contain Visible gold** occurring as fine particles - well suited for a gravity circuit
- **Low Bond Work Index** (10.2 to 11.1, material is soft in ball mill grindability terms)
- Metallurgical tests indicate **high-gravity + flotation recoveries** (+92-97%), conventional circuit up to 98.5%

S-Vein (Hole 98 – 65 m depth)

2,540 g/t Au (74.17 oz/ton; incl. 24.6 g/t Au over 55.6m)



P-Vein (450 West Zone Surface Exposure)

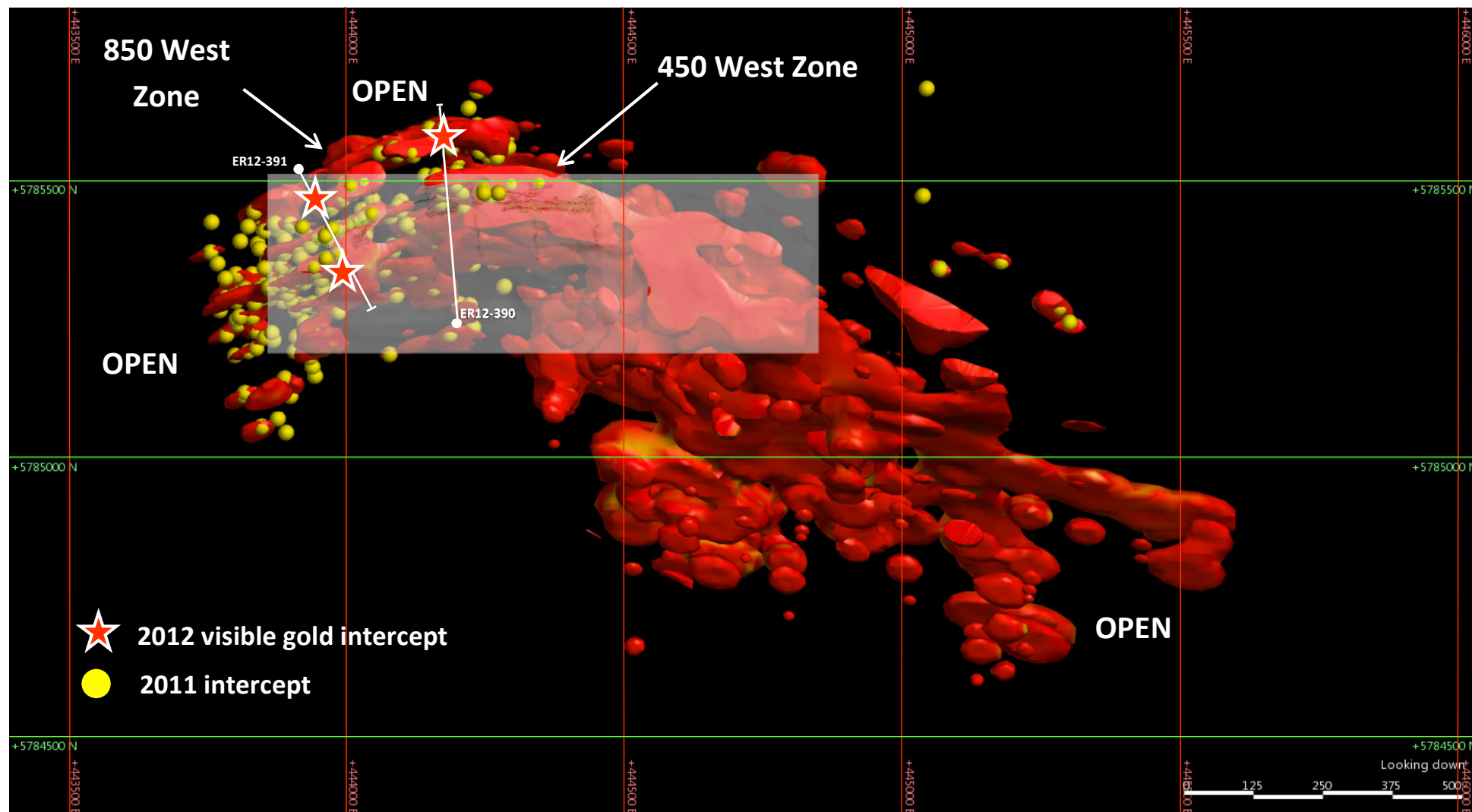
92.7 g/t Au over 3m (2.71 oz/ton; incl. 8.5 g/t Au /36.7m)



Eau Claire Gold Deposit – 3D Model Looking Down

3D Plan View – 0.5 g/t Au grade shell model of Eau Claire

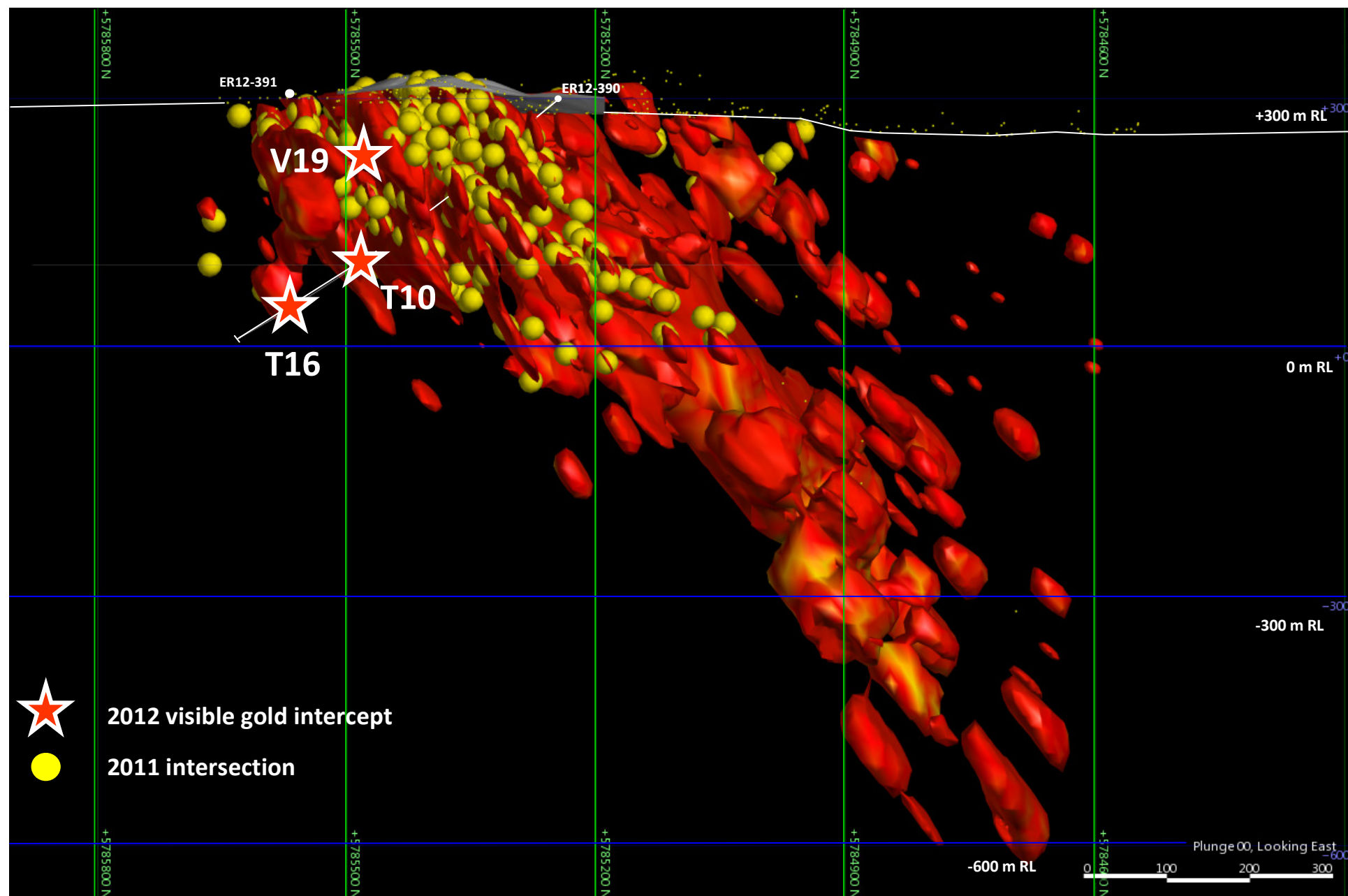
Surface plan of Eau Claire Gold Deposit – 1.8 km long by 300 m wide traced to 900 m depth



- 3D modeling of Eau Claire illustrates a pronounced hinge occurs between the 450 & 850 West Zone
- The quartz-tourmaline vein system changes direction from the 450 West Zone (E-W, dipping S) to the 850 West Zone (NE-SW, subvertical dips).
- Abundant visible gold has been intersected in consecutive drill holes along the north boundary of both the 450 & 850 West Zones.

Eau Claire Gold Deposit – Looking East

3D Cross Section View – 0.5 g/t Au grade shell of Eau Claire

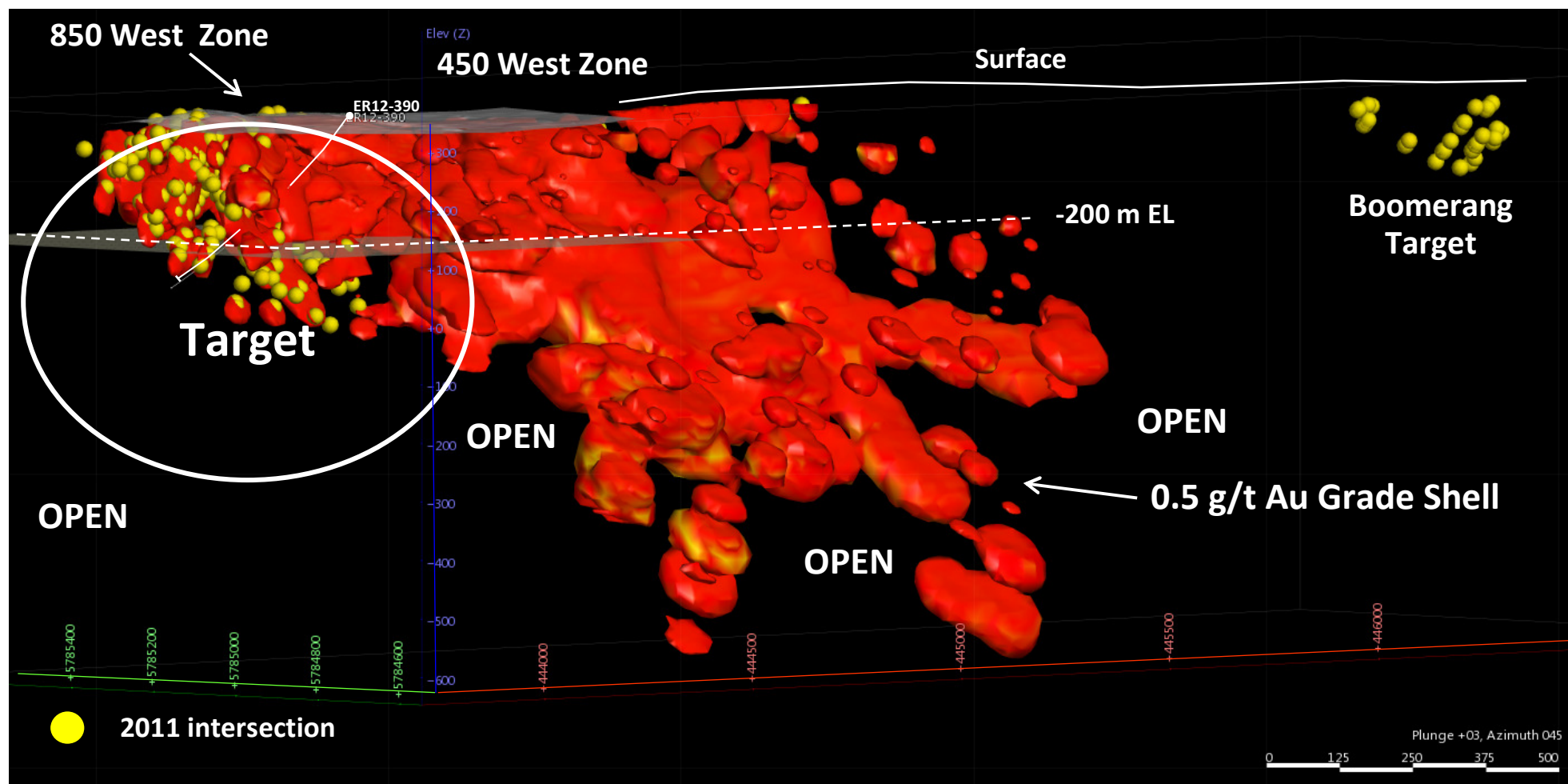


Note: 3D cross-sectional view looking east. Yellow spheres represent intersections currently being added to the resource estimate. Red stars represent recent drill intercepts with abundant VG.

Eau Claire Gold Deposit – Looking Northeast

3D Longitudinal View – 0.5 g/t Au grade shell of Eau Claire

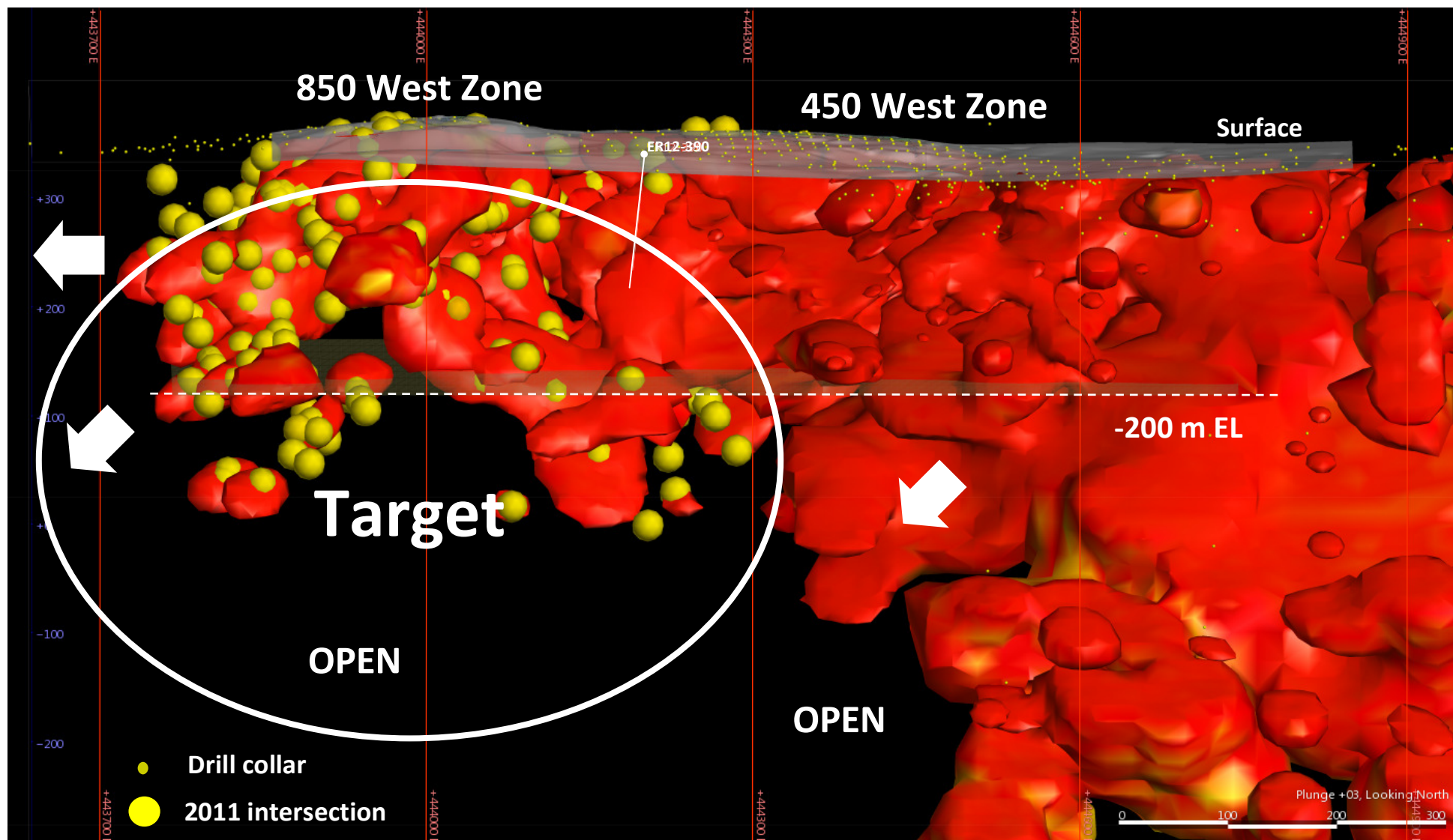
Significant resource expansion & New Targets at the 450 & 850 West Zones



- 450 West Zone - 0.63 M oz Measured & Indicated Resources & 1.04 M oz Inferred
- 2011 drilling - 100 gold-bearing drill intersections within the 850 West Zone
- High priority resource targets are evident north, west and below both of the 450 & 850 West Zones
- Resource targets occur along the same structural trend as Eau Claire – such as Boomerang (2010 drilling)

Eau Claire Gold Deposit – 3D Leapfrog Model (Looking North)

3D Longitudinal View – 0.5 g/t Au grade shell & 2012 Target Area

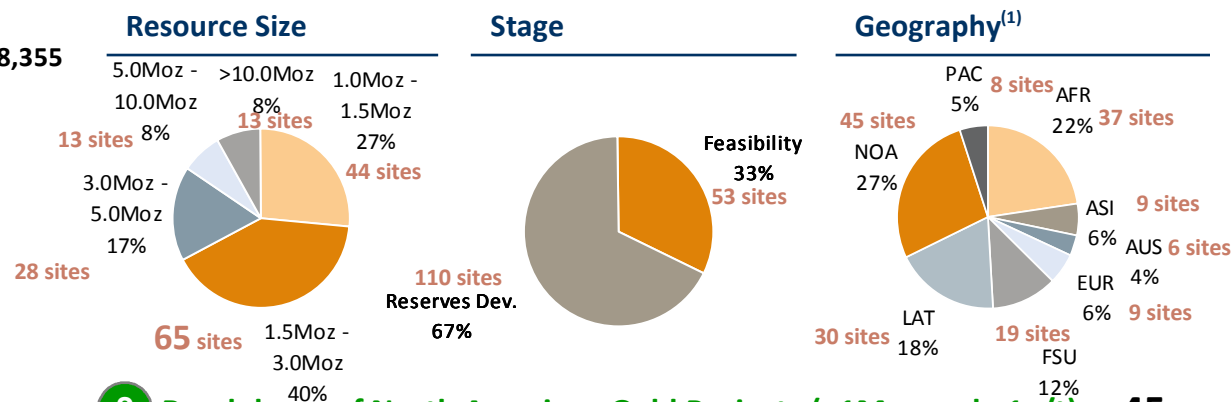


- 2012 resource priority targets are north & west of both the 450 & 850 West Zones and tracing the F2 structural trend to the southwest. 3D modeling indicates the 450 & 850 West Zones are connected forming a “hinge zone”.
- Visible gold has been observed in 21 vein intercepts from 10 drill holes in 2012.

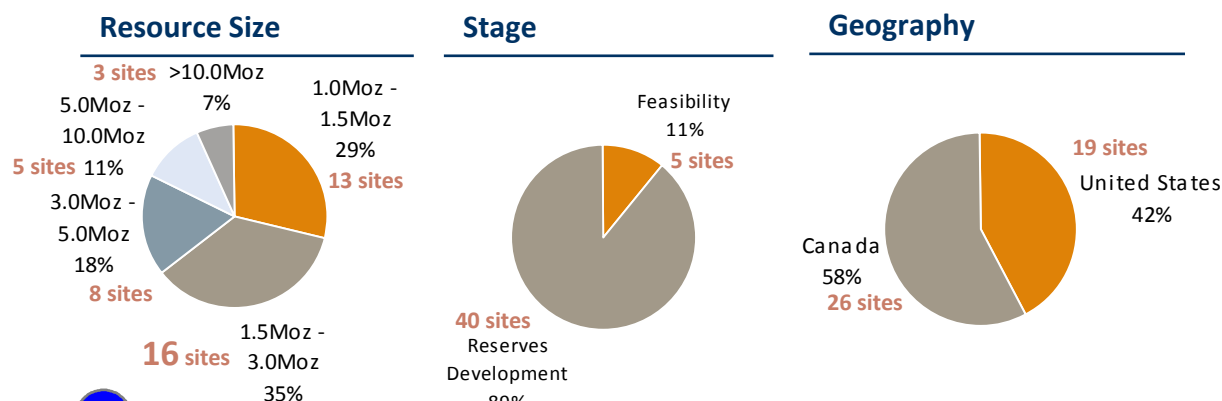
Overview of Competitive Landscape – Global Gold Projects

Screening Criteria	# of Companies	# of Projects
Project Containing Gold	5,260	8,355
Primary Commodity is Gold	4,219	6,287
Project is Active	3,062	3,821
Owner is Publicly Traded	2,366	2,664
Owner's Market Capitalization is >US\$50M	669	620
Resource is > 1Moz Au	420	329
Grade is > 1g/t Au	341	254
Project is not in Production / Pre-Production	128	163 1
Project is in North America	42	45 2
Resource is > 1.5Moz Au Grade is > 3g/t Au	15	13 3

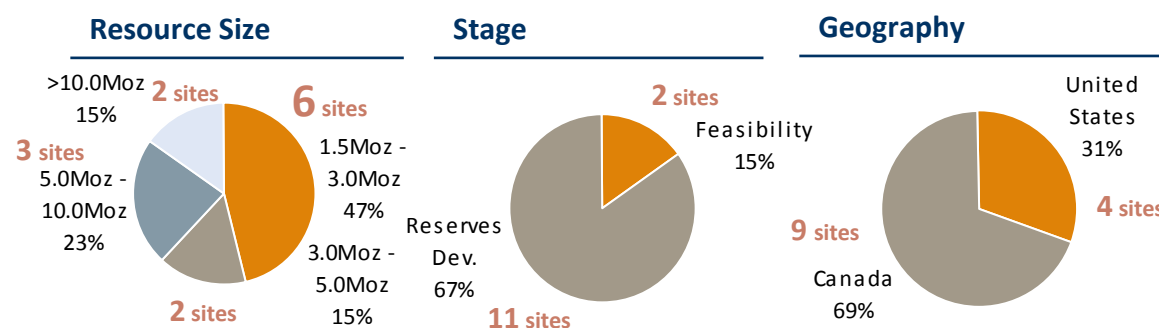
1 Breakdown of Global Gold Projects (+1Moz and +1g/t) 163



2 Breakdown of North American Gold Projects (+1Moz and +1g/t) 45



3 Breakdown of North American Gold Projects with (+1.5Moz and +3g/t) 13



Source: Metals Economics Group

(1) PAC = Pacific, AFR = Africa, ASI = Asia, AUS = Australia, EUR = Europe, FSU = First Soviet Union, LAT = Latin America, NOA = North America

Eau Claire – 1 of 13 undeveloped gold projects in N. America
>1.5Moz & >3 g/t + Infrastructure + Location + Resource Growth

Screening Criteria	Comparison to North American Gold Projects (+1.5Moz & +3g/t)
Resource Size	>1.5 Moz + 850 West Zone
Resource Grade	>3.0 g/t Au; High Grade Undeveloped OP project
Metallurgy	High Gravity + Conventional Techniques (98.5%)
Infrastructure	Road & Power nearby; Top Mining Jurisdiction
Stage	Resource Development
Catalysts	Drill results + Resource Growth + New Discoveries

One of the Highest-Grade Undeveloped Open Pit Projects in Canada

- Eau Claire – High Grade & Royalty Free
(1 of 13 in N America; >1.5m oz + >3g/t)
(Lower CAPEX; Higher Profit Margins)
- Resource Growth by Drilling & Trenching
- 40,000 m definition drill program
- Eastmain Mine – 2nd High Grade Deposit
- Eléonore South – Early-stage Prospect
beside a Giant gold deposit
- Québec – Low Political Risk; High Mineral
Potential, New Infrastructure; 50% Rebates
- Well Funded - \$14M; No Debt



ER09-190 348 g/t Au (10.2 oz/ton) at 101 m



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Adding Value Through Discovery

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Management Team With a Track Record of Exploration Success

Management

Donald J. Robinson, Ph.D., P.Geo

President, CEO & Director since 1994

30 years experience with base & precious metal deposit

Qualified Person (APGO & OGQ)

Catherine I. Butella, B.Sc.

Exploration Manager

30 years exploration experience in Canada & Australia

PDAC "Prospector of the Year" Nominee

James L. Bezeau, BBA, CMA

Chief Financial Officer

30 years of financial, accounting & managerial experience

Previous Mining Industry - Iron Ore Company of Canada

Jay Goldman, BA, MBA, LLB

Corporate Secretary

>20 years experience in the Canadian Mining Industry

Cassels Brock & Blackwell - Partner

Chad Steward

Manager Corporate Communications

35 years experience in marketing & communications

Directors

William L. Koyle

Lead Director, Audit Committee Chair

>30 years experience with publically held exploration companies

John A. Hansuld, Ph.D.

Director since 1985

>45 years Mining Executive in global exploration

PDAC – Mining Man & Developer of the Year; CMHF

David K. Joyce,

Director

30+ years Mining Industry experience

Ian J. Bryans, BA

Director, Compensation Committee Chair

30 years experience in strategic marketing

Advisory Board

Richard W. Hutchinson, Ph.D. , Professor Emeritus

Leading authority in Ore Deposits Geology, CMHF

Neil Hillhouse, Ph.D.,

50 years experience; credited with numerous discoveries

Dr. Ted Moses, former Cree Grand Chief

Officer of the Order of Quebec; Clearwater Project - Tallyman