



**2014 Precious Metals Summit**  
**Zurich, Switzerland**  
**Ben Whiting & Steve Cope**

## **Exploring for Precious and Base Metals in Sweden, Mexico and Canada**



**November 4-6, 2014**



# Forward Looking Statements

## CAUTIONARY NOTE TO US INVESTORS

The United States Securities and Exchange Commission ("SEC") permits US Mining companies, in their filings with the SEC, to disclose only those mineral deposits that a company can economically and legally extract or produce. We use certain terms in this presentation, such as "measured", "indicated", and "inferred" resources, which the SEC guidelines strictly prohibit US registered companies from including in their filings with the SEC. Any estimates of mineral resources shown in Orex Mineral Inc.'s presentation have been prepared in accordance with definition standards of the Canadian National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"), which may differ from definition standards of the United States Securities and Exchange Commission ("SEC") Industry Guide 7.

## QUALIFIED PERSON

All technical content found in the Orex Minerals Inc. presentation has been reviewed & approved by Ben Whiting, MSc., P.Geo., Chief Geologist of Orex Minerals Inc. and a Qualified Person under Canadian NI 43-101 Standards of Disclosure for Mineral Projects.

This presentation of Orex Minerals Inc. (the "Company") contains "forward-looking information" within the meaning of the United States "Private Securities Litigation Reform Act of 1995" and applicable Canadian securities legislation. Statements containing forward-looking information express, as at the date of this presentation, the Company's plans, estimates, forecasts, projections, expectations, or beliefs as to future events or results and Orex does not intend, and does not assume any obligation to, update such statements containing the forward-looking information. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "plans," "projects," or "projected," "expects," or "does not expect," "is expected," "estimates," "forecasts," "scheduled," "intends," "anticipates," or "does not anticipate," or "believes," or variations of such words and phrases, or statements that certain actions, events or results "may," "can," "could," "would," "might," or "will be taken," "occur," or "be achieved." Statements containing forward-looking information include, but are not limited to, statements with respect to the anticipated economic returns of any of the Company's projects, the expected results from exploration activities, the economic viability of the development of newly discovered ore bodies, the accuracy of mineral resource estimates, future production levels, the requirements for additional capital, the results of drilling, and Orex's commitment to, and plans for developing, newly discovered and existing mineralized structures.

Statements containing forward-looking information involve known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of Orex Minerals Inc. and its operations to be materially different from those expressed or implied by such statements. Such factors include, among others, the actual results of current exploration activities, future prices of silver and gold, unpredictable risks and hazards relating to the development of our projects, and the speculative nature of exploration and development. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results to be materially different from those anticipated, described, estimated, assessed or intended. There can be no assurance that any statements containing forward-looking information will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Accordingly, undue reliance should not be placed on statements containing forward-looking information.



# It Takes a Team



*Photo (left to right):  
Ben Whiting, Gary Cope, George Cavey, Art Freeze*

**Gary Cope**

President, Director

**Ben Whiting, M.Sc., P.Geo.**

Vice President - Exploration

**Art Freeze, P.Geo.**

Director & Technical Advisor

**Dale Brittliffe, P.Geo.**

Technical Advisor

**George Cavey, P.Geo**

Advisor to Board

Orex's management team has the proven ability to discover & develop quality exploration projects that maximize shareholder value---the same team is widely recognized for the **discovery** of Orko Silver Corp's **La Preciosa Silver-Gold Deposit** in Durango, Mexico.



# Capital Structure

Current as of October 21, 2014

## Share Structure

Issued	97,042,199
Warrants (avg. price \$0.31)	13,374,180
Options (avg. price \$0.54)	5,459,000
Agent's Options (\$0.25)	1,286,180
<b>Fully Diluted Shares</b>	<b>117,161,559</b>

## Notable Shareholders

Ingalls and Snyder	15%
US Global	11%
Fresnillo	5%
Coeur Mining	1%
Management	18%



Avg. Daily Vol. (12 Wks)	193,721
52-Week High	\$0.43
52-Week Low	\$0.19
Price – October 21, 2014	\$0.31

**ORXIF** - US OTC Pink Sheets

**OV2N.F** - Frankfurt Exchange





# Project Portfolio

## CANADA

Gold - Copper



## SWEDEN

Gold and Polymetallic

BARSELE

JUMPING JOSEPHINE

LOS CRESTONES



CONETO

## MEXICO

Gold - Silver - Copper



# Barsele Gold Project



**100% ownership of 32,709 hectares (80,826 acres) of mineral concessions**



Storuman  
Västerbottens Län  
SWEDEN





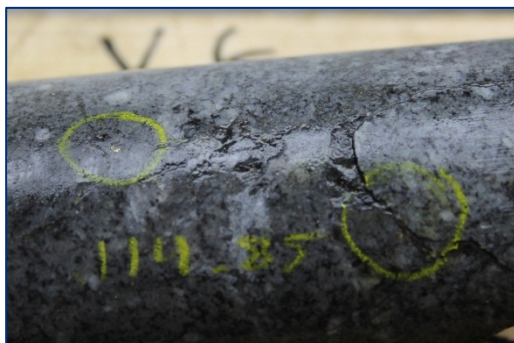
- Located 600 km N of Stockholm
- Orex has 100% Ownership
- Property is set in midst of the Fennoscandian Shield
- Host rocks part of prolific Proterozoic “Skellefte Trend”, where it meets ‘Gold Line’ of Sweden
- In the area with major producers and past producers Boliden, Kristineberg, Bjorkdal, Svartliden, etc.



## Phase-I Diamond Drill Results

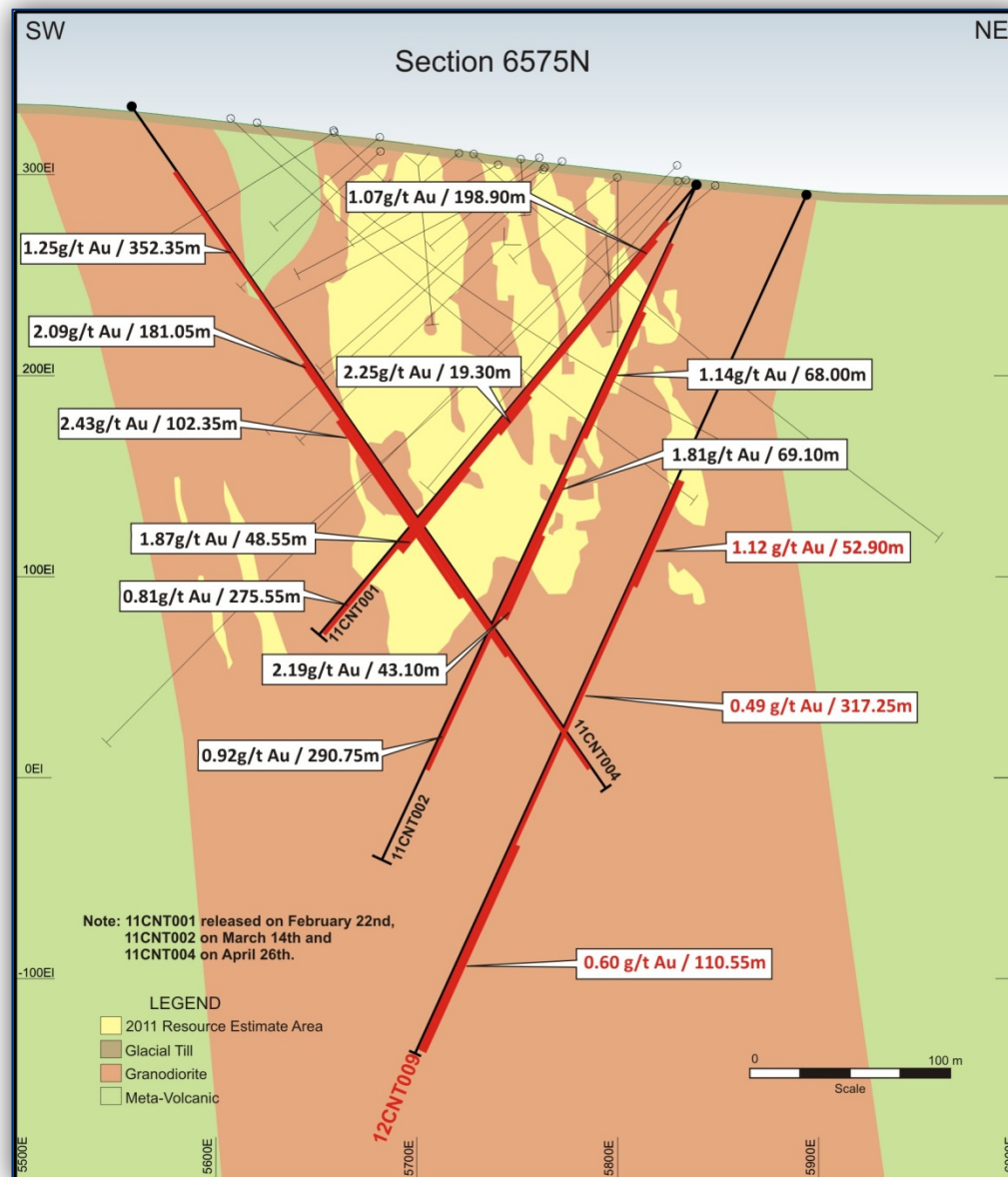
### Central Zone – Select Drill Intercepts

Hole	From (m)	To (m)	Core Length (m)	Au (g/t) Au-AA26
<b>11CNT001</b>	16.75	292.30	275.55	<b>0.81</b>
includes	35.40	234.30	198.90	<b>1.07</b>
<b>11CNT002</b>	29.65	320.40	290.75	<b>0.92</b>
includes	165.30	234.40	69.10	<b>1.81</b>
<b>11CNT004</b>	41.00	393.35	<b>352.35</b>	<b>1.25</b>
includes	157.05	338.10	181.05	<b>2.09</b>
<b>11CNT005</b>	171.20	424.80	253.60	<b>0.65</b>
includes	317.05	424.80	107.75	<b>1.02</b>
<b>11CNT008</b>	73.70	377.35	<b>303.65</b>	<b>1.34</b>
includes	115.35	302.70	187.35	<b>1.95</b>



← Visible Gold





Central Zone  
Cross-Section



# NI 43-101 Resource Estimate – Nov. 5, 2012

## Central-Avan-Skiråsen Gold Zones

**Indicated Resources:**

**547,000 oz Au**

**Inferred Resources:**

**627,000 oz Au**

Au Cut-off (g/t)	Zone	Resource Category	Tonnes	Au Grade (g/t)	Contained oz Au
0.60	Central	Indicated	13,610,000	1.22	532,000
	Central-Skiråsen	Inferred	9,840,000	1.08	340,000
	Avan	Indicated	490,000	0.97	15,000
		Inferred	10,360,000	0.86	287,000
	TOTAL	Indicated	14,100,000	1.21	547,000
		Inferred	20,200,000	0.97	627,000

## Norra VMS Zone

**Indicated Resources: 3.13 g/t Au (11,000 oz), 30.27 g/t Ag, 0.53% Cu, 0.72% Zn**

**Inferred Resource: 1.62 g/t Au (16,000 oz), 12.69 g/t Ag, 0.26% Cu, 0.42% Zn**

Au Cut-off (g/t)	Cut-off (tonnes)	Grade > Cut-off							
		Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)	Au oz	Ag oz	Cu lbs	Zn lbs
Indicated									
0.60	110,000	3.13	30.27	0.53	0.72	11,000	107,000	1,286,000	1,746,000
Inferred									
0.60	310,000	1.62	12.69	0.26	0.42	16,000	126,000	1,777,000	2,871,000



# Coneto Silver-Gold Project



**100% ownership of 15,700 hectares (38,800 acres) of mineral concessions**



**Coneto de Comonfort, Durango State, MEXICO**





# Coneto Silver-Gold Project



- In the heart of the “Mexican Silver Trend” which hosts some of world's largest silver deposits:
  - Fresnillo
  - Guanajuato
  - La Pitarilla
  - La Preciosa
  - Zacatecas
- Located 100 km N of city of Durango, Mexico, in the Mesa Central
- Coneto Mining Camp has over 450 years of mining history, yet remains underexplored by modern methods
- Currently Drilling > 10,000 m





# Coneto Silver-Gold Project



## Phases-I & II Diamond Drill Results

### Select Drill Intercepts

Hole	Vein	From (m)	To (m)	Core Length (m)	True Width (m)	Au (g/t)	Ag (g/t)	Ag-Eq (g/t)
CC-10-01	Loma Verde	184.10	192.90	8.80	7.72	0.47	165	193
	Incl.	188.70	192.40	3.70	3.03	0.45	265	292
CC-10-12	Impulsora	109.40	123.90	14.50	13.65	0.94	48	105
	Incl.	116.00	120.90	4.90	4.60	1.60	115	211
CC-10-20	Loma Verde	144.50	148.10	3.60	3.12	0.98	292	351
	Incl.	145.00	147.60	2.60	2.25	1.14	369	437
BCO-02	Loma Verde	268.45	281.00	12.55	10.27	3.08	138	299
	Incl.	269.95	278.00	8.05	6.34	4.22	168	390
BCO-11	La Bufa	116.35	122.75	6.40	5.23	2.41	129	256
	Incl.	120.35	122.75	2.40	1.98	6.08	187	506
BCO-11	Santa Niña	205.40	208.70	3.30	2.70	4.24	612	840

## Oxide Mineralization

#242496 = Au 2.580 g/t, Ag 118 g/t

#242495 = Au 1.185 g/t, Ag 67.3 g/t

#242494 = Au 0.396 g/t, Ag 64.4 g/t

#242493 = Au 6.34 g/t, Ag 142 g/t



## Sulphide Mineralization



Hole BCO-11 – Sample # 324423

**Au = 38.3 g/t – Ag = 4,990 g/t**

Cu = 1.39 % – Pb = 2.51 % – Zn = 3.51 %





# Los Crestones Gold-Silver-Copper Project



## **Option to Purchase 100% of Los Crestones Property in Sierra Madre Occidental – within the Gold-Silver Trend of Western Mexico**

Located near Surutato, 100 km N of city of Culiacan, Sinaloa State, Mexico







# Los Crestones Gold-Silver-Copper Project



- Earning 100% interest in Mineral Concessions totalling 4,168 hectares (10,670 acres)
- Porphyry and Vein-Hosted Gold-Silver-Copper Targets
- Completed geophysical surveys – Phase-II Drilling to commence in November 2014



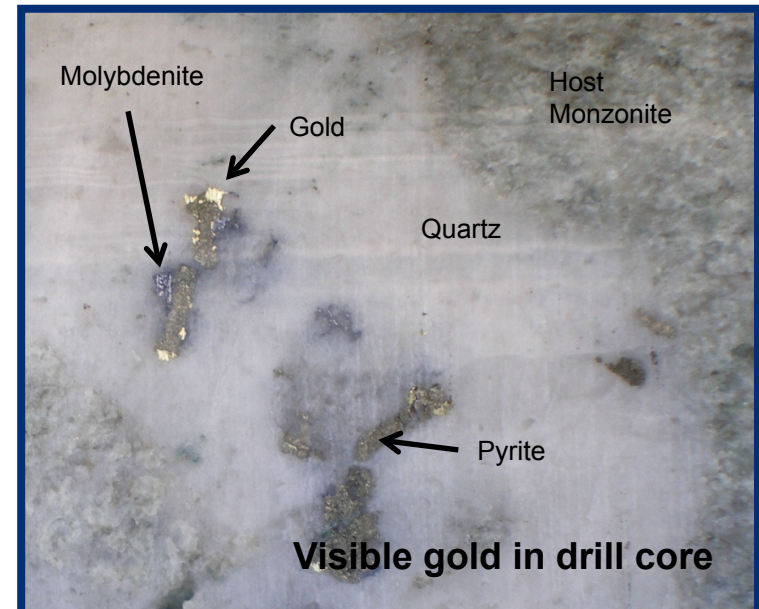
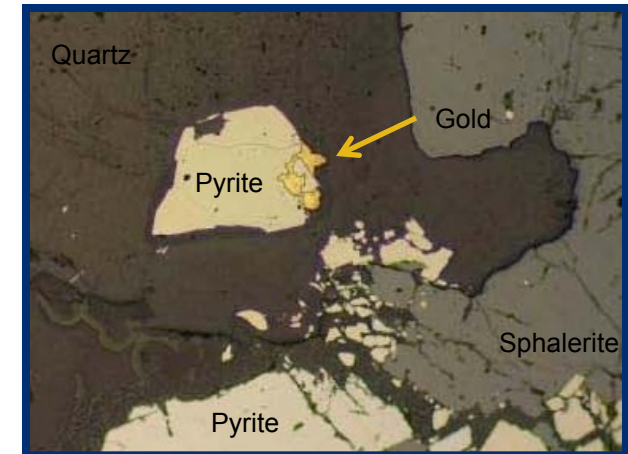
## Gold, Silver, Copper Mineralization

Hole	Vein	From (m)	To (m)	Core Length (m)	True Width (m)	Au (g/t)	Ag (g/t)	Cu (%)
<b>11LD-006</b>	Indio	138.15	141.24	3.09	2.18	0.14	<b>479</b>	<b>3.50</b>
	Incl.	138.15	139.24	1.09	0.77	0.24	<b>1,230</b>	<b>8.91</b>
<b>11LD-008</b>	Indio	73.05	75.54	2.49	1.76	<b>20.40</b>	22	<b>0.82</b>
	Incl.	73.05	74.05	1.00	0.71	<b>49.90</b>	33	<b>1.35</b>
<b>11LD-010</b>	Bohemia	50.00	54.00	4.00	2.83	<b>9.13</b>	42	<b>0.55</b>
	Incl.	50.00	51.00	1.00	0.71	<b>30.00</b>	<b>150</b>	<b>1.06</b>
<b>11LD-011</b>	Bohemia	55.00	60.00	5.00	3.54	<b>39.10</b>	<b>93</b>	<b>2.13</b>
	Incl.	59.00	60.00	1.00	0.71	<b>162.50</b>	<b>270</b>	<b>3.02</b>
<b>11LD-015</b>	Bohemia	72.58	73.51	0.93	0.66	<b>1.26</b>	37	<b>2.01</b>
	Incl.	72.58	73.10	0.52	0.37	<b>0.32</b>	<b>64</b>	<b>3.57</b>
<b>11LD-016</b>	Indio	19.65	21.60	1.95	1.38	0.07	<b>104</b>	<b>0.75</b>
	Incl.	19.65	20.60	0.95	0.67	0.06	<b>170</b>	<b>0.88</b>



11,200 hectares ((28,700 acres) mineral claims located in Southeastern BC, Canada

Drilling to date has identified a NI 43-101-compliant resource estimate (using a cut-off of 0.5 g/t Au) that has defined **34,000 ounces of gold indicated** (363,000 tonnes grading 2.95 g/t Au) and **30,000 ounces of gold inferred** (448,000 tonnes grading 2.08 g/t Au) (June 24, 2011)



## Diamond Drilling Highlights

Hole	Vein	From (m)	To (m)	Core Length (m)	True Width (m)	Au (g/t)	Ag (g/t)	Au-Eq (g/t)
<b>07JD001</b>	JJ Main	6.00	16.00	10.00	9.06	<b>10.0</b>	14	<b>10.2</b>
	incl	7.00	9.00	2.00	1.81	<b>42.6</b>	<b>57</b>	<b>43.6</b>
<b>07JD013</b>	JJ Main	46.00	65.00	19.00	12.21	<b>7.0</b>	9	<b>7.2</b>
	incl	48.00	50.00	2.00	1.29	<b>22.2</b>	<b>57</b>	<b>23.2</b>
<b>07JD032</b>	JJ Main	29.00	33.00	4.00	3.63	<b>15.2</b>	25	<b>15.6</b>
	incl	29.00	30.00	1.00	0.91	<b>56.4</b>	<b>95</b>	<b>58.1</b>
<b>07JD048</b>	JJ Main	54.00	62.00	8.00	7.25	<b>12.4</b>	5	<b>12.5</b>
	incl	56.00	59.00	3.00	2.72	<b>26.9</b>	6	<b>27.0</b>
<b>08JD092</b>	JJ Main	118.00	122.00	4.00	3.63	<b>21.0</b>	9	<b>21.2</b>
	incl	118.00	120.00	2.00	1.81	<b>38.3</b>	15	<b>38.6</b>
<b>10JD136</b>	Cedar	5.00	8.10	3.10	2.33	2.3	42	<b>3.0</b>
<b>10JD137</b>	Cedar	12.00	13.20	1.20	0.90	<b>3.4</b>	<b>284</b>	<b>8.6</b>





# Orex Advantages

## Orex has Four Projects in Three Mining Friendly Jurisdictions

- **Barsele** has 2 types of mineralization and an advanced resource:
  - Orogenic Gold Deposits at surface – NI-43-101 Resource
  - Volcanogenic Massive Sulphides (VMS) polymetallic deposits
- **Coneto** has a Joint Venture with silver mining giant Fresnillo PLC:
  - Over 50 epithermal veins on Coneto – Currently Drilling
  - Both structurally controlled veins and broader stockwork zones
- **Los Crestones** has high grade gold, silver and copper:
  - Multiple mineralized structures, set to drill in November 2014
  - Potential for porphyry style gold-copper system at depth
- **Jumping Josephine** has high grade gold deposit:
  - Epithermal style of mineralization – Currently Drilling
  - NI-43-101 Resource on the JJ Main Zone



**There is More to be Discovered!**