

2015 Precious Metals Summit
Beaver Creek, Colorado, USA
Ben Whiting, Gary Cope & Steve Cope

Exploring for Silver and Gold in Sweden, Mexico and Canada



September 16-18, 2015



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., Vice President Exploration 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, amongst other discoveries.



Capital Structure

Current as of September 9, 2015

Share Structure

Issued	101,890,199
Warrants (avg. price \$0.30)	13,357,500
Options (avg. price \$0.39)	6,294,000
Agent's Options (\$0.25)	1,286,180
Fully Diluted Shares	123,982,879

Notable Shareholders

Ingalls and Snyder	16%
US Global	12%
Fresnillo	4%
Coeur Mining	1%
Management	20%



Avg. Daily Vol. (12 Wks)	16,546
52-Week High	\$0.43
52-Week Low	\$0.135
Price – Sep 9, 2015	\$0.185

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





Project Portfolio

Five Projects and Three Joint Venture Partners



SWEDEN – BARSELE PROJECT

Gold and Polymetallic



AGNICO EAGLE



MEXICO – CONETO PROJECT

MEXICO – SANDRA ESCOBAR PROJECT

MEXICO – LOS CRESTONES PROJECT

Gold - Silver - Copper



CANADA – JUMPING JOSEPHINE PROJECT

Gold - Copper

**45% ownership of 32,709 hectares (80,826 acres) of
mineral concessions**

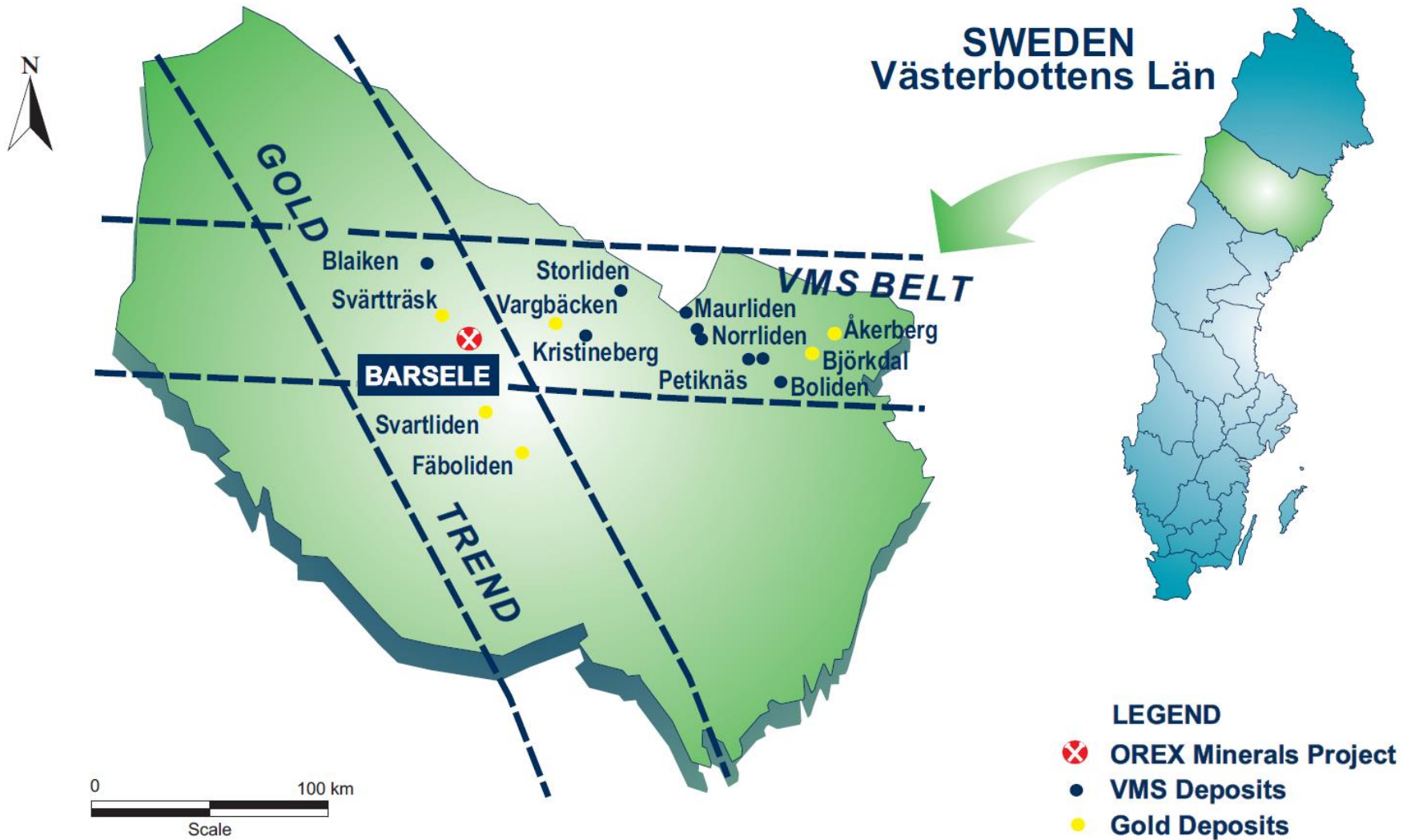


Storuman
Västerbottens Län
SWEDEN



- Located 600 km N of Stockholm
- Orex has 45% Ownership
- JV with Agnico Eagle Mines Ltd.
- 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







Barsele Gold Project

Agnico Eagle Mines Ltd. JV Summary

- Agnico Eagle owns 55% Orex owns 45%
- Agnico Eagle pays US\$10M (US\$6M upon signing and US \$2M end of first and second year)
- Agnico Eagle agrees to spend minimum US \$7M on exploration over 3 years
- Orex will hold a 2% NSR which can be purchased for US \$5M

- Agnico Eagle has an option to increase to 70% by taking Project to Pre-Feasibility

- Agnico Eagle either buys additional 30% or continue to share costs at 70-30 split



AGNICO EAGLE

Why Agnico Eagle?

- Name recognition
 - One of the top performing senior mining stocks
 - Very active in M&A
 - Strong management team
 - Well respected in sector as a Senior Miner

- Understand Region
 - Successful operation at Kittila Mine in Lapland, Finland, plus JVs
 - Knowledgeable and well connected staff already in Scandinavia
 - Good relations with locals





Barsele Gold Project



Spinout into Barsele Minerals Corp.

Why Spinout Barsele Gold Project?

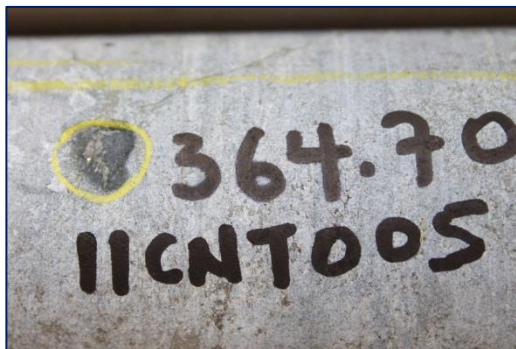
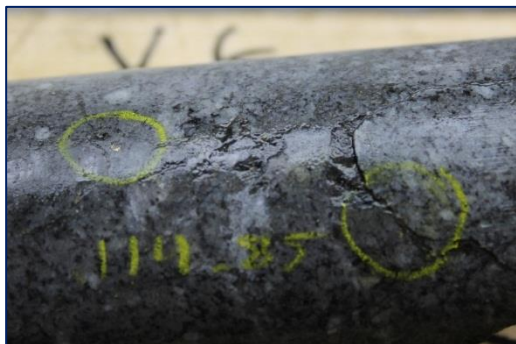
- Increase Shareholder Value
- Current Orex Shareholders receive shares in NewCo
- Protect other assets in case of takeover
- Pareto Securities to raise capital
- Acquire other Scandinavian assets
- Listed on TSX-V and Nasdaq First North



Phase-I Diamond Drill Results

Central Zone – Select Drill Intercepts

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



← Visible Gold

Central-Avan-Skiråsen Gold Zones

Indicated Resources:

547,000 oz Au

Inferred Resources:

627,000 oz Au

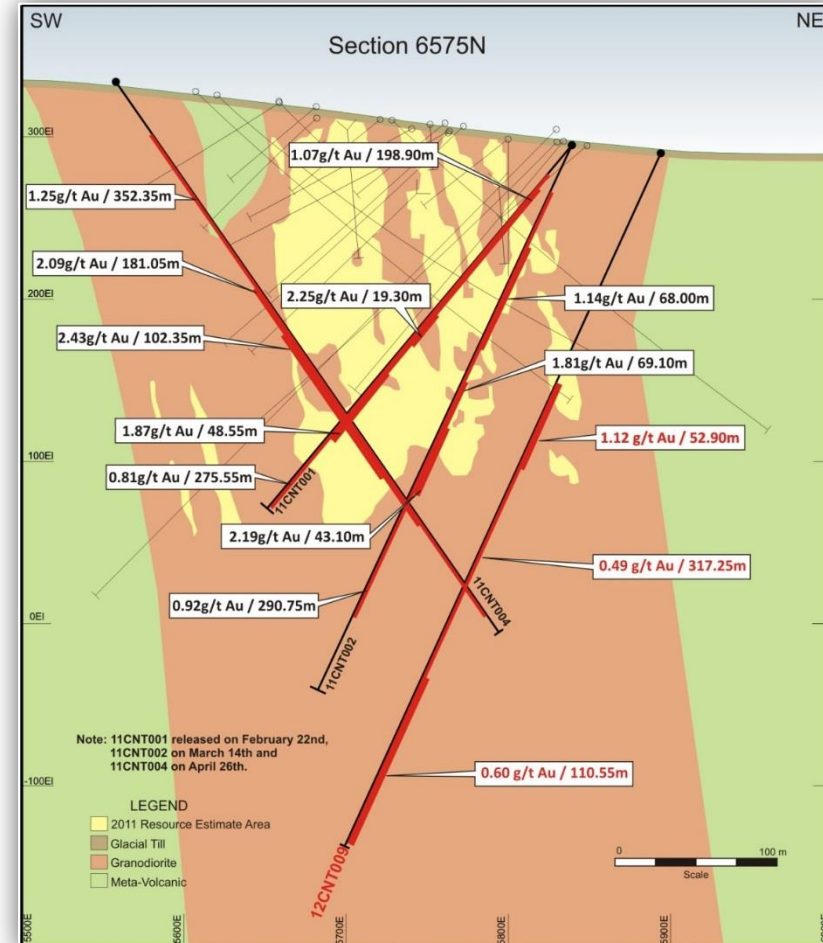
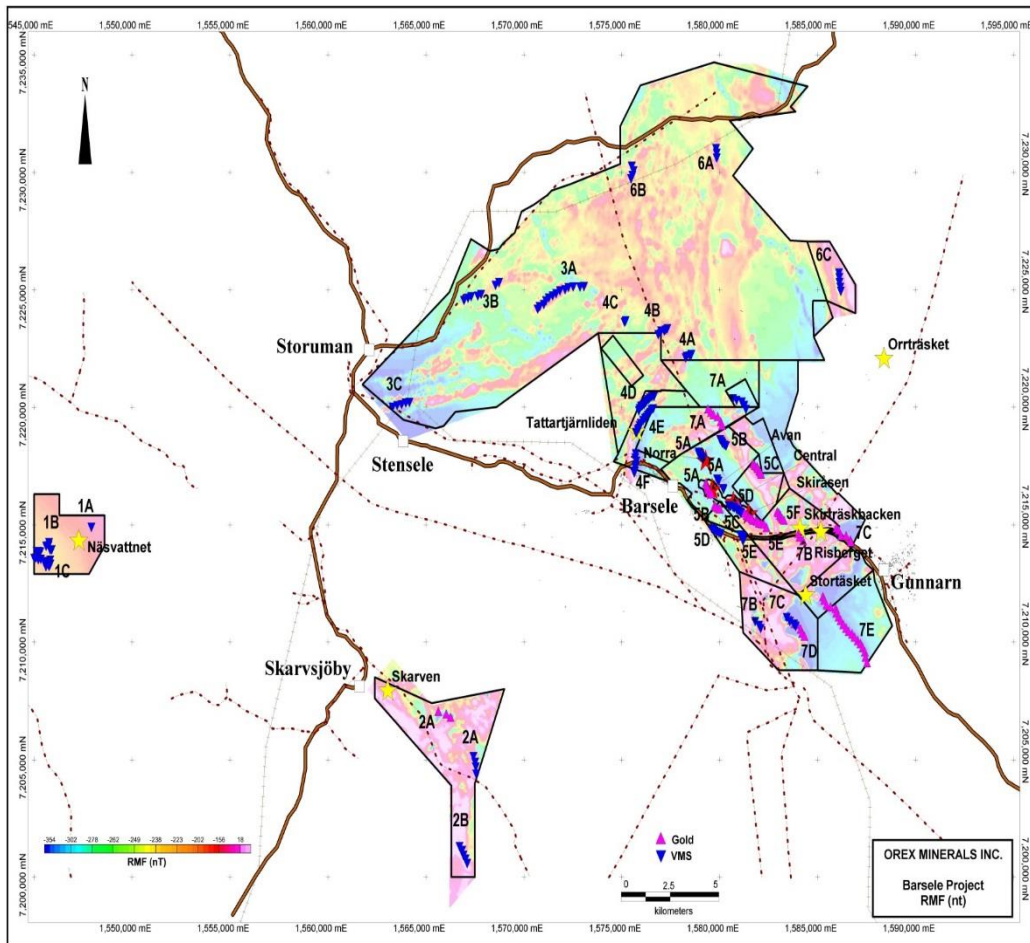
Au Cut-off (g/t)	Zone	Resource Category	Tonnes	Au Grade (g/t)	Contained oz Au
0.60	Central	Indicated	13,610,000	1.22	532,000
	Central-Skiråsen	Inferred	9,840,000	1.08	340,000
	Avan	Indicated	490,000	0.97	15,000
		Inferred	10,360,000	0.86	287,000
	TOTAL	Indicated	14,100,000	1.21	547,000
		Inferred	20,200,000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

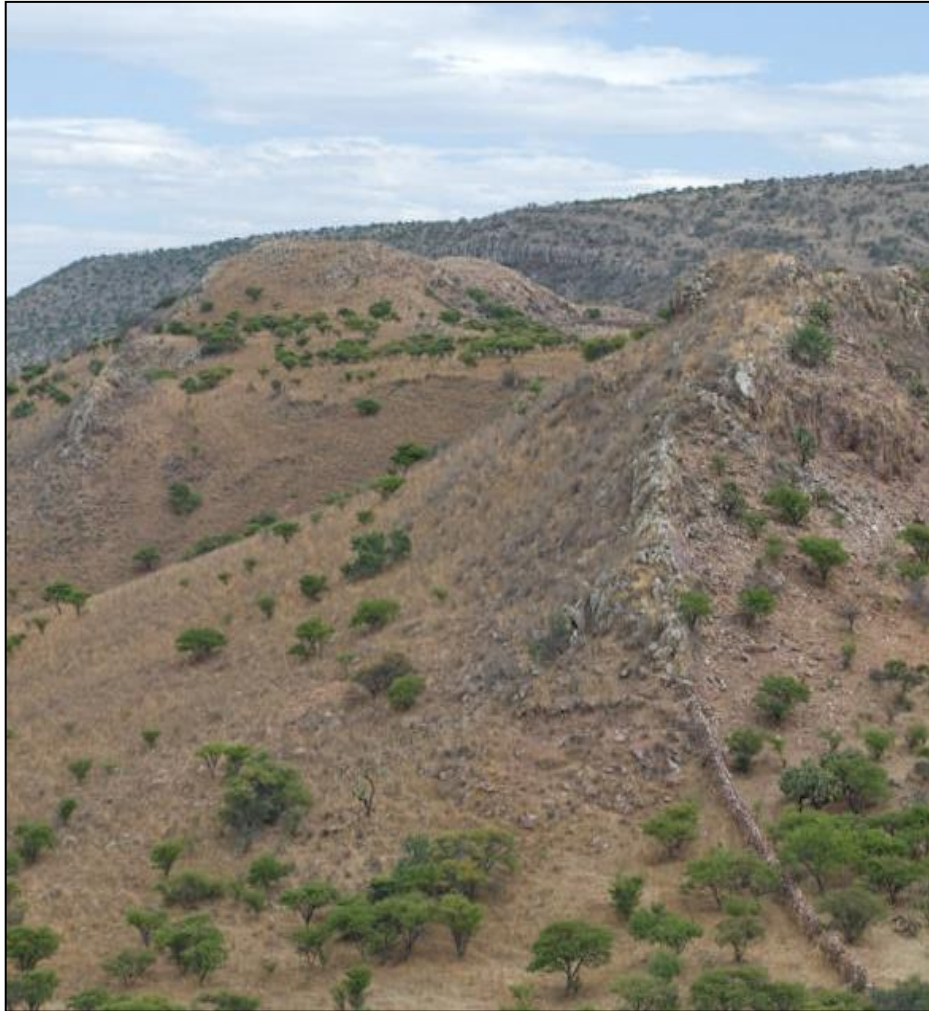


100% ownership of 15,700 hectares (38,800 acres) of mineral concessions



**Coneto de Comonfort
Durango State
MEXICO**





- In the heart of the “Mexican Silver Trend” which hosts some of world's largest silver deposits:
 - Fresnillo
 - Guanajuato
 - La Pitarrilla
 - La Preciosa
 - Real de Angeles
 - Zacatecas
- Located 100 km N of city of Durango, Mexico
- Coneto Mining Camp has over 450 years of mining history, yet remains underexplored by modern methods
- Property is set in the Mesa Central

Fresnillo PLC Association Agreement Summary



Time Frame	Fresnillo PLC Exploration Spending US \$	Orex Minerals Inc.
✓ Year One - Completed	\$2,000,000	-
✓ Year Two - Completed	\$2,000,000	-
Year Three – Completed	\$2,000,000	-
Total Exploration Expenditure	\$6,000,000	-
Mining Concessions	NewCo 55% Ownership US \$6,000,000 spent + combined 17,600 ha	NewCo 45% Ownership

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	Santo Niño	395.40	398.70	3.30	2.70	4.34	612	840
	Incl.	397.50	398.70	1.20	0.98	11.77	1,655	2,273

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



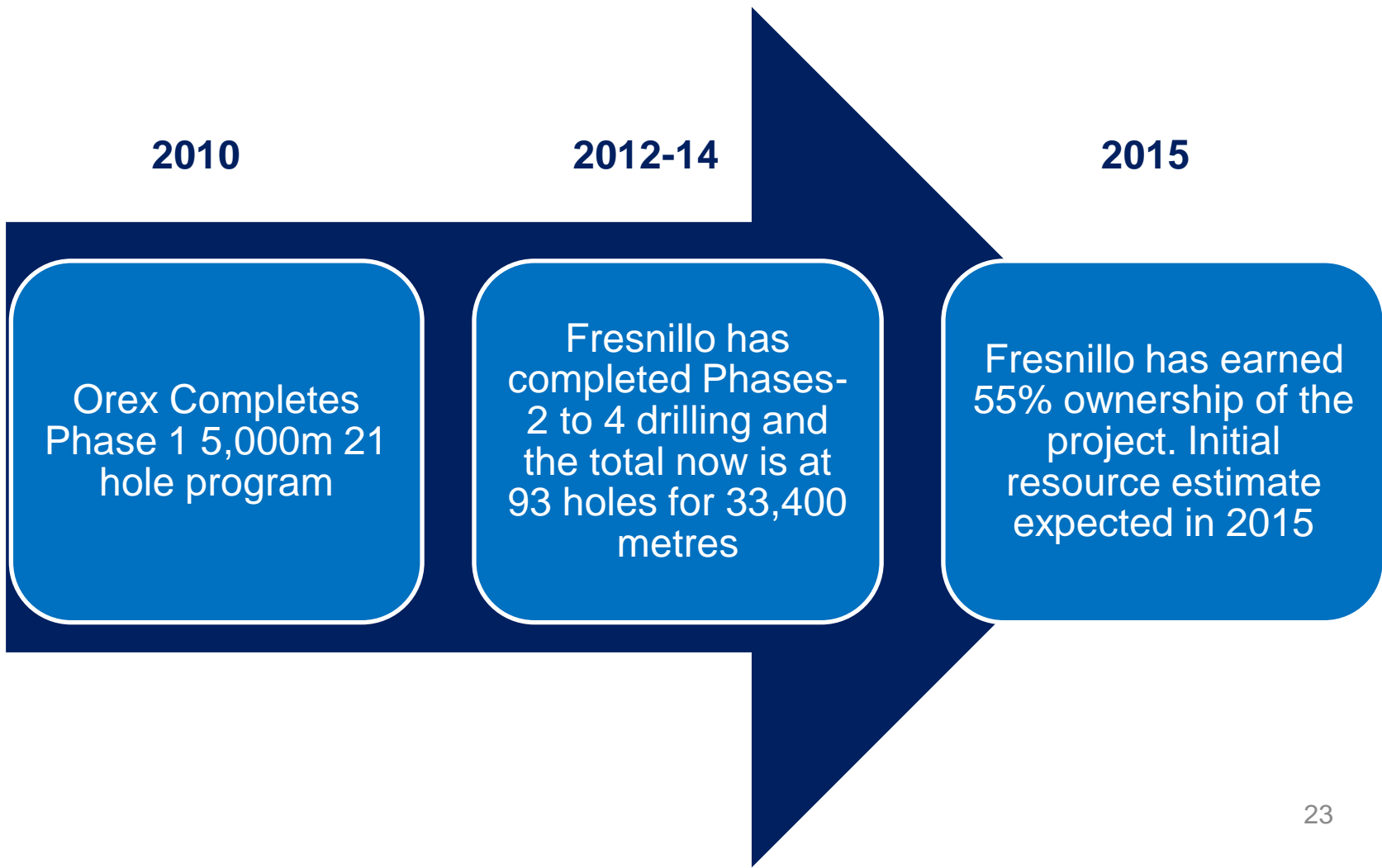
Hole BCO-11 – Sample # 324423

Au = 38.3 g/t – Ag = 4,990 g/t

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

Exploration Objectives

Target size = > 100 million oz of silver equivalent



100% ownership of 11,200 hectares (28,700 acres) in the West Kootenay Region, Southwestern BC, Canada

- NI 43-101-compliant resource estimate (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)
- 40 km North of Teck's Smelting Operations in Trail, BC
- Easy All Weather Road Access, Moderate Terrain, Low Expl. Costs



Joint Venture in over 8,100 hectares (20,700 acres) of mineral concessions



**A new Joint-Venture Silver-Gold Project
with Canasil Resources Inc.
in Tepehuanes, Durango State, Mexico**



Orex Advantage

Five Projects and Three Joint Venture Partners In Three Mining Friendly Jurisdictions



SWEDEN – BARSELE PROJECT

Gold and Polymetallic



AGNICO EAGLE



MEXICO – CONETO PROJECT

MEXICO – SANDRA ESCOBAR PROJECT

MEXICO – LOS CRESTONES PROJECT

Gold - Silver - Copper



CANADA – JUMPING JOSEPHINE PROJECT

Gold - Copper



There is More to be Discovered !



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