

VANCOUVER, May 4, 2016 /CNW/ - [Barsele Minerals Corp.](#) (TSX-V: BME) ("Barsele") is pleased to report to its shareholders recently-released operational progress on the current exploration program within the Barsele Au-VMS Project area in Västerbottens Län, northern Sweden (the "Barsele Project") contained in [Agnico Eagle Mines Ltd.](#)'s (TSX, NYSE: AEM) ("Agnico Eagle") press release announcing its first quarter 2016 results. The exploration program at the Barsele Project is being operated by joint venture partner Agnico Eagle. Ownership in the Barsele Project is 55% Agnico Eagle and 45% Barsele.

In its press release, Agnico Eagle stated that the drilling results from the Barsele Project extended the known mineralization at depth and joined the Central Zone with the Skirasen Zone. The press release also suggested that the Barsele Project has the potential to become a Goldex type deposit, which is one of Agnico Eagle's existing gold mines. Equally noteworthy, is the illustration that accompanied the press release, which shows the potential growth of the known deposit to the south-east as a result of the latest drilling, and also that the deposit remains open in three directions.

Highlight intercepts from drill results to date and drill hole coordinates from this program are set out in the tables below and the drill hole pierce points are also shown on the Barsele Project composite longitudinal section below. All intercepts reported for the Barsele Project show capped grades over estimated true widths, based on a preliminary geological interpretation that is being updated as new information becomes available with further drilling.

Recent exploration drill results from the Barsele Project

Drill hole	Location	From (metres)	To (metres)	Depth of midpoint below surface (metres)	Estimated true width (metres)	Gold grade (g/t) (uncapped)	Gold grade (g/t) (capped)*
CNT15-007	Central Zone	437.0	449.0	310	9.0	12.37	3.28
CNT15-009	Central Zone	106.0	168.0	90	46.5	1.12	1.12
and		383.0	432.0	300	36.8	1.15	1.15
CNT15-010	Central Zone	223.0	252.0	230	21.8	1.59	1.59
and		494.0	589.0	515	71.2	0.88	0.88
CNT15-013	Central Zone	473.5	492.0	370	13.9	3.00	3.00
and		519.2	526.0	400	5.1	5.02	5.02
CNT15-015	Central Zone	23.0	34.0	20	8.2	8.06	6.74
CNT15-016	Skiråsen Zone	270.0	277.0	215	5.2	5.06	5.06
and		339.0	451.0	310	84.0	2.07	2.01
CNT15-017	Central Zone	623.0	632.0	540	6.8	1.72	1.72
SKI15-001	Skiråsen Zone	323.0	384.0	260	45.8	1.94	1.61
and		405.0	434.0	310	21.8	1.42	1.42
SKI16-001	Skiråsen Zone	101.0	108.0	75	5.2	4.85	4.85
and		120.0	140.0	95	15.0	3.92	3.23
and		276.0	312.1	210	27.1	3.06	2.40
SKI16-005	Skiråsen Zone	193.0	213.0	170	15.0	1.19	1.19
and		399.0	504.0	370	78.8	1.25	1.25
and		593.0	609.0	485	12.0	1.86	1.86

\*Holes at Barsele use a capping factor of 20 g/t gold.

Barsele Project exploration drill collar coordinates of selected holes

Drill hole ID	Drill collar coordinates*					
	UTM North	UTM East	Elevation (metres above sea level)	Azimuth	Dip (degrees)	Length (metres)
CNT15-007	7214686	618733	321	360	-53	725
CNT15-009	7214671	618829	317	360	-57	701
CNT15-010	7215040	618808	291	180	-70	655
CNT15-013	7214613	619033	306	333	-55	597
CNT15-015	7214601	619133	296	360	-52	523
CNT15-016	7214525	619127	302	360	-55	664
CNT15-017	7214895	618859	293	290	-60	902
SKI15-001	7214598	619125	296	040	-48	580
SKI16-001	7214515	619222	300	040	-50	557
SKI16-005	7214516	619221	300	360	-57	645

Recent drilling has connected the Central Zone with the Skiråsen Zone. The combined Central-Skiråsen Zone has a strike length of approximately 1,400 metres, and extends from surface to a depth of at least 540 metres and ranges in width from 10 to 150 metres. Mineralization remains open at depth and along strike.

Results include hole CNT15-016 that intersected the Skiråsen Zone with two intercepts: 5.06 g/t gold over 5.2 metres at 215 metres depth, and 2.01 g/t gold over 84.0 metres at 310 metres depth. Almost 300 metres away at the southeast extent of the zone, hole SKI16-001 intersected the zone with three intercepts: 4.85 g/t gold over 5.2 metres at 75 metres depth, 3.23 g/t gold over 15.0 metres at 95 metres depth and 2.40 g/t gold over 27.1 metres at 210 metres depth. The deepest intercept to date in the Skiråsen Zone is hole SKI16-005 that intersected 1.86 g/t gold over 12.0 metres at 485 metres depth, as well as two shallower intercepts.

Recent drilling has extended the depth of the Central Zone to 540 metres. Highlights include hole CNT15-015 that intersected 6.74 g/t gold over 8.2 metres at 20 metres depth. Hole CNT15-013 intersected 3.00 g/t gold over 13.9 metres at 370 metres depth and 5.02 g/t gold over 5.1 metres at 400 metres depth. Hole CNT15-007 intersected 3.28 g/t gold over 9.0 metres at 310 metres depth.

In 2016, Agnico Eagle indicated that it plans to spend approximately US \$4.9 million on exploration to further evaluate the mineral potential of the property. This includes 19,000 metres of diamond drilling, a recently completed Titan-24 induced polarization geophysical survey, till sampling and hyperspectral core scanning. A basic environmental assessment will be done, as well as ongoing community relations programs to engage the various stakeholders in the region. Drilling is expected to resume in early May after spring breakup.

Barsele's President, Gary Cope says, "I am very pleased to see the mineralized zone has expanded so significantly in this report, and that Agnico Eagle has planned expenditures which will in aggregate fulfill the full phase one commitment per the joint venture terms and in so doing will advance us to the second phase which ultimately leads to a preliminary resource estimate for the project."

Art Freeze, P.Geo. and Ben Whiting, P.Geo., are Qualified Persons as defined in NI 43-101 and take responsibility for the technical disclosure contained within this news release.

About the Barsele Gold Project

The Barsele Project is located on the western end of the Proterozoic "Skellefte Trend," a prolific volcanogenic massive sulphide

deposits belt, where it intersects with the "Gold Line" in Northern Sweden. Both polymetallic deposits and intrusive hosted orogenic gold deposits are present in this region and on the property. Current and past producers in the region include Boliden, Kristineberg, Bjorkdal, Svartliden, and Storliden.

In September of 2015, mineral resource estimates by Barsele were released for the Barsele Project in four zones, the Central, Avan and Skiråsen Gold Zones and the Norra VMS Zone (Orex News Release dated 21 November 2012). The resource estimate for the Central-Avan-Skiråsen Zones states an Indicated Resource of 14.1 million tonnes grading 1.21 g/t gold for 547,000 contained ounces, plus an Inferred Resource of 20.2 million tonnes grading 0.97 g/t gold for 627,000 contained ounces. The polymetallic Norra Zone contains an Indicated Resource of 110,000 tonnes grading 3.13 g/t gold, 30.3 g/t silver, 0.53 % copper and 0.72 % zinc, plus an Inferred Resource of 310,000 tonnes grading 1.62 g/t gold, 12.7 g/t silver, 0.26 % copper and 0.42 % zinc. All zones were estimated at a gold cut-off grade of 0.6 g/t.

About Barsele Minerals Corp.

Barsele is a Canadian-based junior exploration company comprised of highly qualified mining professionals. Barsele's main property is the Barsele Gold Project in Västerbottens Län, Sweden, a joint venture with [Agnico Eagle Mines Ltd.](#).

ON BEHALF OF THE BOARD OF DIRECTORS

Gary Cope  
President

This News Release may contain forward-looking statements including but not limited to comments regarding the timing and content of upcoming work programs, geological interpretations, receipt of property titles, potential mineral recovery processes, etc. Forward-looking statements address future events and conditions and therefore involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements and Barsele undertakes no obligation to update such statements, except as required by law.

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