VANCOUVER, Sept. 12, 2016 /CNW/ - Orex Minerals Inc. – (TSX-V: REX – OTCQX: ORMNF) ("Orex"), is pleased to announce that the Phase-III diamond drilling program continues to intercept silver mineralization on the Sandra Escobar Project in Durango, Mexico. These include holes SA-16-044 to SA-16-048 in the southeastern region of the project. The Sandra Escobar Project is being advanced by Orex under an option agreement with Canasil Resources Inc. – (TSX.V: CLZ) ("Canasil").

Highlights for this batch of holes include SA-16-048 in the Main Zone, which yielded 65.00 metres core length (56.00 m true thickness) grading 114 g/t silver, starting 15 metres below surface. In the Burro Zone, 300 metres to the southwest of the Main Zone, hole SA-16-044 intersected 24.30 metres core length (24.00 metres true thickness) grading 144 g/t silver, starting from surface.

Also, a low-grade permeable horizon, similar to the Main Zone in texture, has been identified stratigraphically below the Main Zone on several sections and may constitute a new silver target. Many of the previous holes did not go deep enough to test this level. The Main Zone is still open for expansion as illustrated by hole SA-16-048 being the southernmost hole on its section.

Orex's President, Gary Cope says, "The third phase of drilling continues to yield thick intercepts of disseminated silver mineralization showing strong continuity in the Main Zone of the Boleras Deposit. The adjacent Burro Zone is also of interest, as are other silver targets in the immediate area of drilling."

Sandra Escobar Project – 2015-2016 Diamond Drilling Program – Holes 44 to 48					
Hole	From (m)	To (m)	Core Length (m)	True Thick. (m)	Ag (g/t)
BURRO ZONE					
SA-16-044	0.70	25.00	24.30	24.00	144
Includes	2.00	22.00	20.00	19.75	161
Includes	4.00	8.00	4.00	3.95	260
Includes	5.00	6.00	1.00	0.99	395
SA-16-045	11.00	17.00	6.00	4.50	51
Includes	15.00	17.00	2.00	1.50	86
Includes	15.00	16.00	1.00	0.75	105
SA-16-046	3.00	14.00	11.00	8.25	32
Includes	10.00	12.00	2.00	1.50	48
MAIN ZONE					
SA-16-047	8.00	66.00	58.00	46.00	113
Includes	15.00	54.00	39.00	30.93	124
Includes	53.00	61.00	8.00	6.34	159
Includes	54.00	56.00	2.00	1.59	204
SA-16-048	22.00	87.00	65.00	56.00	114
Includes	24.00	66.00	42.00	36.18	153
Includes	32.00	57.00	25.00	21.54	173
Includes	55.00	57.00	2.00	1.72	240
(lower int.)	102.00	106.00	4.00	3.45	32

Kluane Drilling Ltd. provides the drilling services utilizing an environmentally low-impact KD-1000 man-portable diamond drill rig.

Silver mineralization is hosted in a rhyolite volcanic dome. An altered and highly permeable crystal lithic tuff unit contains disseminations of silver bearing minerals and broadly spaced stockwork veinlets. The current working model has a porphyritic rhyolite unit as an impermeable cap, which may have focused mineralizing fluids into the host permeable volcaniclastic unit.

True thicknesses are estimated based on structural and stratigraphic interpretations. A map showing the locations of the drill holes is available on the Orex website.

Orex maintains a QA/QC sampling protocol for the diamond drilling program, including the insertion of commercial analytical

standards and blank samples. Analytical testing is performed by Bureau Veritas. Silver values are determined by fire assay with a gravimetric finish. Multi-element analyses are also determined using a 4-acid digestion and ICP-MS (Inductively Coupled Plasma Mass Spectrometry).

Sandra Escobar Silver-Gold Project, Durango, Mexico
Sandra Escobar is situated north of the town of Tepehuanes, Durango, in the heart of the "Mexican Silver Trend", midway between the mining districts of Tovar and Guanacevi and is 75 km west of Silver Standard's La Pitarrilla. This prolific trend hosts some of the world's largest silver camps and deposits, including Fresnillo, Guanajuato, La Pitarrilla, La Preciosa, Real de Angeles and Zacatecas.

The project consists of 6,976 hectares of mineral concessions and covers multiple mineralized epithermal quartz veins and breccia structures. These veins form a high level silver-gold-base metals system, hosted in andesitic and rhyolitic rocks, centered on a large rhyolite dome complex in the north and silver systems in smaller rhyolite dome complexes to the southeast. Intense alteration zones and fluid flooding in permeable formations indicates the presence of bulk tonnage targets. Excellent infrastructure exists in the Sandra Escobar area, including paved road access, electrical power, water and manpower from nearby communities.

Dale Brittliffe, 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 OREX MINERALS INC.
Orex is a Canadian-based junior exploration company comprised of highly qualified mining professionals. Orex has several current projects: the Coneto Gold-Silver Project in Durango, Mexico, a joint venture with Fresnillo Plc, the Jumping Josephine Gold-Silver Project in British Columbia, Canada, plus this newest Sandra Escobar Silver Project in Durango, Mexico, with Canasil Resources Inc.

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 Orex undertakes no obligation to update such statements, except as required by law.

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