



Orca Gold Inc., 2000 - 885 West Georgia St., Vancouver, B.C., V6C 3E8, Canada  
Tel: +1 604 689 7842 Fax: +1 604 689 4250

## **NEWS RELEASE**

### **ORCA GOLD'S ROBUST INITIAL RESOURCE AND SUCCESSFUL EXPLORATION SUPPORT PRELIMINARY ECONOMIC ASSESSMENT AT BLOCK 14 – NEW CFO APPOINTMENT**

**February 1, 2016** – Orca Gold Inc. (TSX.V:ORG) (“Orca” or the “Company”) is pleased to provide a summary of its exploration activities for 2015 and to announce that its Board of Directors has approved the commencement of a Preliminary Economic Assessment (“PEA”) on its 70% owned Block 14 project in the Republic of the Sudan.

#### **2015 Exploration**

In each of the last three years, Orca has discovered significant gold prospects on Block 14: Galat Sufar South (“GSS”) in 2013, Wadi Doum in 2014 and Liseiwi in 2015. To date, Orca has defined an Indicated Resource of 27.6Mt grading 1.83g/t for 1.63 million ounces of gold and an Inferred Resource of 10.3Mt grading 1.8g/t for an additional 0.6 million, based on a 1g/t cut-off grade (News Release: February 4, 2015).

The focus of exploration in 2015 was to continue to identify and develop new targets on Block 14 and to expand the resources at GSS and Wadi Doum.

The highlight of the year was the discovery at Liseiwi (News Release: September 17, 2015) where an initial reverse circulation (“RC”) drill program included intersections of 10m grading 15.32/11.65g/t (uncut/cut to 20g/t), 24m at 3.89/2.97g/t and 8m at 12.80/8.55g/t with 8m at 5.21g/t. Further drilling is required to define an initial resource at Liseiwi.

At Wadi Doum, additional reverse circulation drilling close to the base of the existing resource included intersections of 31m at 4.88/3.95g/t and 33m at 4.66/3.82g/t showing the high grade mineralisation to be resolving into two distinct shoots. Two core twin holes were also completed for geology and metallurgical samples intersecting 30.8m grading 14.99/4.44g/t and 28m grading 5.50/5.22g/t.

Within the GSS Resource, drilling on the 320° Zone included intersections of 12m at 5.19/5.02g/t and 9m at 5.06/4.31g/t adding definition and extension to the high grade shoot targeted.

At the NE Target, just outside the current GSS Resource, GSRC626 intersected 16m at 4.41g/t extending the known mineralisation to the east from previous drilling which intersected 19m at 6.04/4.69g/t and 18m at 3.32/3.24g/t.

These results continue to show the potential for Block 14 to provide further high grade discoveries and exploration in 2016 will aim to develop these targets further (all drill results are listed in the table below).

Based on the 62,321m of drilling completed to date, the resources at GSS and Wadi Doum look to be well suited to open pit mining with mineralisation up to 85m in width and 79% of the resources situated within 150m of surface.

#### **2016 activities**

Orca’s focus of activities in 2016 will be the completion of a PEA to confirm preliminary economics for GSS and Wadi Doum. In addition, given the strong upside potential of Block 14, exploration will continue, targeting the identification of new satellite deposits, like Wadi Doum and Liseiwi, towards further enhancing project economics. The Company is cognisant of the difficult conditions in the capital markets and of the importance of carefully managing its current treasury. Accordingly, careful consideration has resulted in an operating budget

that will advance Block 14 under strict financial oversight.

The PEA will be compiled and supervised by SGS Time Mining of South Africa using inputs from Orca and a group of internationally recognised consultants:

Mineral Processing / Infrastructure / Power	SGS Time Mining Ltd
PEA Oversight	Kevin Ross, Mining Consultant
Mineral Resources	Nic Johnson, MPR Geological Consultants Pty Ltd
Mining Schedule / Optimisation / Geotechnical	SRK Consulting (UK) Ltd
Metallurgical Test Work Programme	SGS Mineral Services Ltd
Metallurgical Oversight	Mike Hallowell, MPH Minerals Consultancy Ltd
Hydrogeology	GCS Water and Environmental Consultants
Water Supply Study	Propipe Process and Pipeline Projects
Environmental and Social	Carl Nicholas, Mineesia Ltd

Preliminary metallurgical test work has shown that recoveries of 79-83% can be achieved through a standard cyanide tank leach process. Flotation has been found to provide extremely high gold recoveries (92-95%) to a low (12-15%Wt) mass rougher concentrate and at coarser primary grind size. The flotation concentrate is amenable to intensive leaching and provides similar overall gold recoveries to the direct cyanide leach approach. The PEA will include a Trade-off study to evaluate these process options with additional technical input of a gold mineralogical department study.

A geophysical exploration programme was completed in Q4/2015 to the north of Block 14 aimed at expanding on the 2014 discovery of a water bearing sandstone aquifer within the Cretaceous Nubian Sandstone basin (figures 1 and 2 below).

In the area of the 2014 discovery borehole (HA8), 50km from GSS, the anomaly related to the water bearing horizon was extended significantly to in excess of 30km<sup>2</sup>. The aquifer in this hole was intersected from a depth of 35m below surface to over 90m depth and the recent geophysical results are a positive indication of the potential of this area to provide an industrial water resource. In addition, a second survey (HA9), 30km from GSS, also identified a sizeable anomaly over 25km<sup>2</sup> at a depth of 180m. A hydrological drill programme to confirm these discoveries is now being planned.

The PEA will study the relevant costs, capital and operating, of a bore field in these areas as against a pipeline from the River Nile (195km). A key to the study will be leveraging the low fuel and power costs in Sudan (currently \$US 0.60/l and \$US 0.035/kwh) against the remote location and low gold price environment.

The PEA is expected to be completed early in H2/2016 after which the Company will consider the appropriate next steps in the ongoing development of Block 14.

Hugh Stuart, President and CEO, commented, "Exploration has delivered a discovery in each of the last three years, confirming the prospectivity of Block 14. The resources at GSS and Wadi Doum are shallow, well drilled and robust making the decision to proceed to a PEA the logical next step to confirm that we have a solid project at current gold prices. With over 3,700km<sup>2</sup> of licence, there is still considerable work to do in terms of exploration and whilst we are reducing the level of activity to maintain our treasury, there remains considerable upside in Block 14 yet to be unlocked. Water is a critical item and in 2015 we successfully expanded on our initial discovery. We believe we have one of the best projects in the market for its size and are confident that the PEA will show strong technical and financial fundamentals supporting the continued advancement of Block 14 towards development.

### **Appointment of CFO**

Orca is pleased to announce the appointment of Jeffrey Yip as the Company's Chief Financial Officer, effective immediately. Mr. Yip will replace Mr. Alessandro Bitelli who has been the company's CFO since April 2013.

Mr. Yip is a member of the Chartered Professional Accounts of British Columbia (CPA, CA) and has held the position of Corporate Controller of the Company since April 2013. Prior to joining Orca, Mr. Yip was the Corporate Controller for RB Energy Inc., a TSX-listed iodine producer with assets in Chile and Canada, and Rusoro Mining Ltd., a junior gold producer with operations in Venezuela.

Commenting on Mr. Yip's appointment, Hugh Stuart, President and CEO, said "We are delighted that Jeff has agreed to become the new CFO of Orca. On behalf of the Board I would like to thank Alessandro for his contributions to Orca and wish him the best for the future. Alessandro was one of the founders of Orca and the Company has benefitted greatly from his experience. Alessandro will continue to act for Orca as an advisor."

## **About Orca**

Orca Gold Inc. is a Canadian resource company focused on exploration opportunities in Africa. The Company has an experienced board of directors and management team and a strong balance sheet, with a treasury of approximately CAD 18 million at year end.

*The technical contents of this release have been approved by Hugh Stuart, BSc, MSc, a Qualified Person pursuant to NI-43101. Mr. Stuart is President and CEO of the Company and a Chartered Geologist and Fellow of the Geological Society of London. Samples used for the results described herein are prepared and analyzed by fire assay using a 50 gram charge at the ALS Chemex facility at Rosia Montana in Romania in compliance with industry standards. Field duplicate samples are taken and blanks and standards are added to every batch submitted.*

On behalf of the Board of Directors:

Hugh Stuart  
President, CEO and Director

For further information contact:  
Hugh Stuart, Tel: +44 7788 487462

## **Cautionary Statement Regarding Forward-Looking Information**

*This press release contains "forward-looking information" within the meaning of applicable Canadian securities legislation. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "anticipate", "believe", "plan", "expect", "intend", "estimate", "forecast", "project", "budget", "schedule", "may", "will", "could", "might", "should" or variations of such words or similar words or expressions or statements that certain events "may" or "will" occur. Forward-looking statements in this press release include, but are not limited to, statements relating to indicates and inferred mineral resources, the potential to expand the resource targets in the Main and East Zones, the plans of the Company to conduct preliminary metallurgical testwork and increase its ownership in Block 14 and the future potential of GSS to become a commercial mining operation, including exploration activities. Forward-looking information is based on reasonable assumptions that have been made by the Company as at the date of such information and is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: risks associated with mineral exploration and development; metal and mineral prices; availability of capital; accuracy of the Company's projections and estimates; interest and exchange rates; competition; stock price fluctuations; availability of drilling equipment and access; actual results of current exploration activities; government regulation; local political instability or unrest, local economic instability; global economic developments; environmental risks; insurance risks; capital expenditures; operating or technical difficulties in connection with development activities; personnel relations; the speculative nature of strategic metal exploration and development including the risks of diminishing quantities of grades of reserves; contests over title to properties; and changes in project parameters as plans continue to be refined. Forward-looking statements are based on assumptions management believes to be reasonable, including but not limited to the price of gold; the demand for gold; the ability to carry on exploration and development activities; the timely receipt of any required approvals; the ability to obtain qualified personnel, equipment and services in a timely and cost-efficient manner; the ability to operate in a safe, efficient and effective manner; the expected timing, costs, and results of a PEA; the expected burn rate; the regulatory framework regarding environmental matters, and such other assumptions and factors as set out herein. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. The Company does not undertake any obligation to update forward-looking information if circumstances or management's estimates, assumptions or opinions should change, except as required by applicable law. Accordingly, readers should not place undue reliance on forward-looking information contained herein.*

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

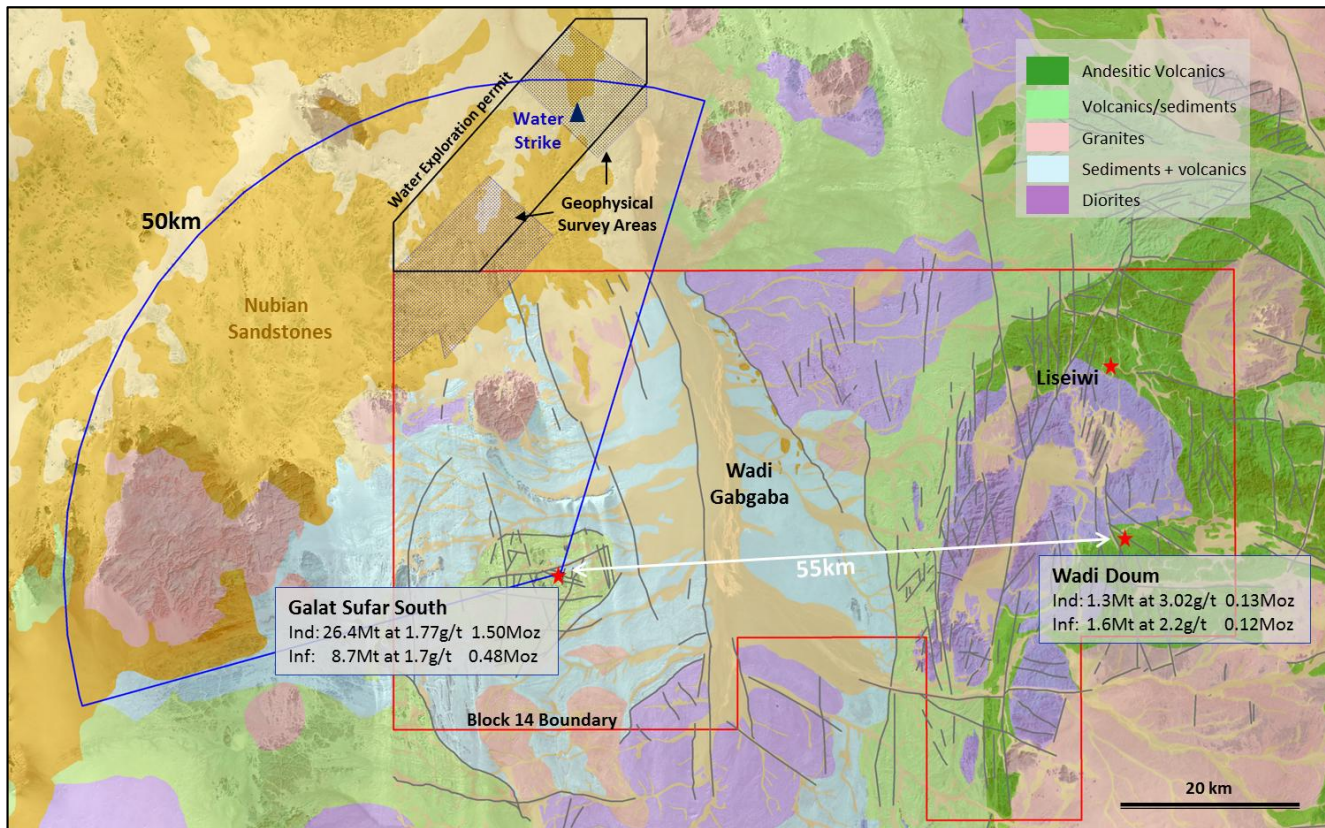
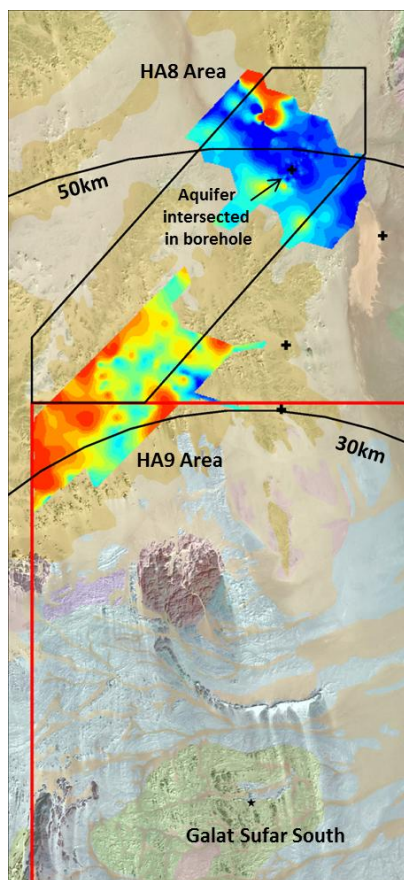


Figure 1: Block 14 Locations



**HA8 Target**  
Depth slice at 50-60m bgl  
50km from GSS  
Aquifer intersected 35-90m depth  
Staggered 1km survey grid  
Anomaly expanded to +30km<sup>2</sup>

**HA9 Target**  
Depth slice at 180m bgl  
30km from GSS  
Staggered 1km survey grid  
Main anomaly defined over 25km<sup>2</sup>  
+/-180m depth

Low resistivity zones in blue correlate to resistivity levels in HA8 borehole

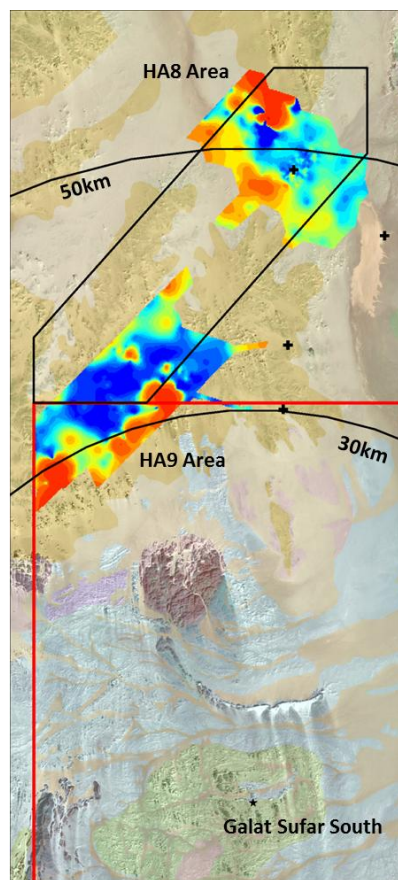


Figure 2: 2015 Geophysical Survey Results

Tabulated Drill results

Prospect	Hole	From	To	Metres	Au g/t Uncut	Au g/t Cut to 20g/t	Au g/t Cut to 10g/t
Liseiwi	GSRC592	No significant Intercept					
	GSRC593	30	50	20	1.48		
	GSRC594	67	77	10	2.68		
	GSRC595	0	24	24	3.89	2.97	2.13
		65	68	3	5.20		4.33
	GSRC596	38	48	10	15.32	11.65	7.40
	GSRC597	41	44	3	1.92		
		53	56	3	4.02		
	GSRC598	30	45	15	2.46	2.46	2.38
		49	53	4	0.53		
	GSRC599	16	24	8	12.8	8.55	5.78
		29	37	8	5.21	5.21	4.57
		67	71	4	2.03		
	GSRC600	35	43	8	2.28		
		57	64	7	1.38		
		73	77	4	1.60		
	GSRC610	8	18	10	2.37		
	GSRC611	45	52	7	4.79		3.45
	GSRC610	61	66	5	1.85		
	GSRC635	No significant Intercept					
	GSRC636	76	83	7	2.33		
		89	93	4	3.93		
	GSRC637	No significant Intercept					
GSRC638	No significant Intercept						
GSRC639	33	37	4	2.21			
GSRC640	No significant Intercept						
Wadi Doum	GSRC613	80	87	7	1.64		
		93	104	11	0.78		
		113	129	16	1.97		
		143	149	6	1.60		
	GSRC614	72	82	10	0.80		
		124	141	17	1.83	1.83	1.82
	GSRC615	125	156	31	4.88	3.95	3.34
		169	176	7	0.93		
		181	194	13	0.70		
	GSRC616	84	117	33	4.66	4.66	3.82
		128	140	12	2.47		
	GSRC617	No significant Intercept					
	GSRC618	13	16	3	1.84		
		74	88	14	0.99		
		100	104	4	1.88		
109		119	10	1.67			
126		131	5	0.95			
GSRC619	85	88	3	2.43			

320 Zone	GSRC620	95	99	4	1.87		
		164	177	13	2.31		
	GSRC621	100	104	4	5.01		4.06
		162	172	10	0.96		
	GSRC622	57	69	12	5.19	5.02	4.09
		96	107	11	0.62		
		118	127	9	5.06	4.31	3.20
	GSRC623	184	192	8	1.23		
		56	61	5	1.72		
		79	84	5	1.26		
NE Zone	GSRC624	120	147	27	0.84		
		138	153	15	1.42		
	GSRC625	No significant Intercept					
Target M	GSRC626	35	51	16	4.41	4.41	4.25
	GSRC627	No significant Intercept					
	GSRC628	8	22	14	1.23		
27		33	6	1.79			
FEOX 7	GSRC629	5	8	3	1.03		
	GSRC630	No significant Intercept					
	GSRC631	No significant Intercept					
Target P	GSRC632	11	15	4	3.44		
	GSRC633	1	10	9	1.37		
	GSRC634	1	4	3	1.32		
Wadi Doum Metallurgical Holes	MET004DD	40	50	10	0.68		
		59	71	12	2.89		1.66
		74	104.8	30.8	14.99	4.44	2.83
	MET005DD	17	45	28	5.50	5.22	5.22
		57	65	8	3.84		3.60
		71	81	10	1.18		
		90	102	12	2.28		
		105	130	25	1.18		1.14

Note: Due to the preliminary nature of much of this drilling true widths are true widths thought to be between 65 and 90% of intercept width.