



Positive Results Continue From Bomboré Infill and Expansion Drilling

Highlights include 11m at 6.09 g/t and 10m at 3.49 g/t

June 16, 2010 – Orezone Gold Corporation (ORE-TSX) is pleased to announce positive results from an additional 152 holes (for a total of 318 holes to date) of infill and resource expansion drilling at its Bomboré Gold Project in Burkina Faso, West Africa. The goal of the 42,500 m RC infill and expansion drilling program is to upgrade and expand the current near surface oxide resources in Q3 to provide the foundation for a preliminary economic assessment to be released in Q4. A preliminary comparison of the new infill results to the older geological model indicates that the depth of oxidation is about 15% greater than expected within the Maga deposit area and about 10% greater within the P8/P9 deposit area. Similarly, the average width and grade of the mineralization is broadly in line with the model. Infill drilling has clearly defined improved continuity in discrete higher grade zones within the larger lower grade envelope.

The Bomboré project consists of several deposits along a 9km trend with an additional 2.5km of possible extension recently identified and drill tested. Results in this release include the final infill holes in the CFU deposit and about two thirds of the holes drilled at P8/P9 deposit. The 42,500 m drill program was completed on April 30th and about 60% of the samples have been analyzed to date. Results are expected to continue into July.

“Results to date indicate the potential for significant extensions, an increase in resource tonnage along with improved continuity from section to section in the higher grade areas,” said Pascal Marquis, V.P. Exploration for Orezone. All of these attributes will contribute to improving the project economics in the preliminary assessment. A complete table of results can be found on the Orezone website. Please note that a complete statistical analysis of the results has not yet been completed.

Table 1 Highlights from recent Bomboré Infill and Expansion RC Drilling

PROSPECT	SECTION	HOLE	FROM	TO	LENGTH	AU g/t	Comment
CFU	2650	BBC0804	10.00	27.00	17.00	1.07	Infill
CFU	2450	BBC0808	56.00	62.00	6.00	5.40	Resource expansion
P8P9	2150	BBC0824	6.00	15.00	9.00	1.61	Infill
P8P9	2150	BBC0824	52.00	68.00	16.00	0.71	Infill
P8P9	1800	BBC0837	22.00	33.00	11.00	0.99	Infill
P8P9	1750	BBC0844	39.00	50.00	11.00	6.09	Infill
P8P9	1450	BBC0854	39.00	48.00	9.00	4.38	Infill
P8P9	1325	BBC0860	82.00	94.00	12.00	1.69	Infill
P8P9	1225	BBC0864	80.00	91.00	11.00	1.22	Infill
P8P9	1175	BBC0867	53.00	66.00	13.00	1.35	Infill
P8P9	875	BBC0877	21.00	39.00	18.00	0.76	Infill
P8P9	875	BBC0878	0.00	10.00	10.00	3.49	Infill
P8P9	2000	BBC0892	17.00	38.00	21.00	1.18	Infill
P8P9	1950	BBC0895	2.00	35.00	33.00	0.72	Infill
P8P9	1600	BBC0902	7.00	12.00	5.00	4.73	Resource expansion

P8P9	1250	BBC0924	15.00	41.00	26.00	1.24	Infill
P8P9	1450	BBC0931	54.00	63.00	9.00	1.20	Infill
P8P9	1650	BBC0939	1.00	20.00	19.00	1.02	Infill
P8P9	1750	BBC0945	50.00	66.00	16.00	1.34	Infill
P8P9	1850	BBC0948	0.00	17.00	17.00	1.40	Infill
P8P9	1975	BBC0974	59.00	75.00	16.00	0.92	Infill

The RC drilling samples were divided by Orezone employees using Rotary Sample Dividers (RSDs). A 2kg split was prepared by Abilab Burkina s.a.r.l. (a subsidiary of ALS-Chemex) and SGS Burkina Faso s.a.r.l., and then split by Orezone to 1kg using RSDs. A 1kg aliquot was analyzed for leachable gold at BIGS Global Burkina s.a.r.l in Ouagadougou, by bottle-roll cyanidation using a LeachWell™ catalyst. Orezone employs a rigorous Quality Control Program (QCP) including a minimum of 15% standards, blanks and duplicates. This program was executed under the supervision of Dr. Pascal Marquis, V.P. Exploration for Orezone, who is a Qualified Person under National Instrument 43-101 and approved the technical information in this release.

The Bomboré Project is located 85km east of the capital city of Ouagadougou along a major national highway. The deposit has a total Indicated resource of 0.93Moz (contained in 49.4Mt at a grade of 0.59g/t) and an Inferred resource of 1.78Moz (contained within 91.8Mt at a grade of 0.61g/t). **The grade of the resource is based on approximately 65,000 assay results, including about 44,000 assays from bottle-roll cyanidation extraction (not a complete extraction), therefore understating the *in-situ* grade of the resource.** Approximately one half of the current resource is oxidized and occurs essentially within 50 m from surface. The above mentioned drill programs are designed to upgrade and expand the oxidized resource in order to complete a preliminary assessment for a heap leach operation. Detailed metallurgical results to date indicate average heap leach recoveries of 80%, with an average consumption of 0.25kg/t of cyanide and 6kg/t of cement. The topography, drainage and rainfall are suitable to construct a large water reservoir without negatively impacting downstream users. The project footprint is in an area of low population density and an international power grid is expected to be constructed in the near future. These infrastructure advantages will translate into reduced project development and operating costs.

Orezone is a gold exploration and development company with more than 15 years experience in West Africa, one of the world's fastest growing gold producing regions. Orezone delineated, permitted, and developed Burkina Faso's largest gold deposit (Essakane) before it was bought by IAMGOLD in a transaction worth approximately \$350M. Orezone continues to focus on developing the rest of its pipeline of advanced gold projects including Bomboré, one of the largest undeveloped gold deposits in Burkina Faso. Orezone's mission is to create wealth by discovering and developing gold resources in an efficient and responsible manner for the benefit of its shareholders and other stakeholders.

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FORWARD-LOOKING STATEMENTS are based on the opinions and estimates of management at the date the statements are made, and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from

those projected in the forward-looking statements. These factors include the inherent risks involved in the exploration and development of mineral properties, the uncertainties involved in interpreting drilling results and other geological data, fluctuating metal prices, the possibility of project cost overruns or unanticipated costs and expenses, uncertainties relating to the availability and costs of financing needed in the future and other factors. The Company undertakes no obligation to update forward-looking statements if circumstances or management's estimates or opinions should change. The reader is cautioned not to place undue reliance on forward-looking statements.