



Orezone Hits Significant Gold Mineralization at Sega

24m of 3.1g/t at Bakou and 29.5m of 3.31g/t at Tiba 1E

December 11, 2007 – Orezone Resources Inc. (OZN: TSX, AMEX) is pleased to announce the highlights of a recent 6,500m drilling program to upgrade and expand the resources at its Sega Deposit in Burkina Faso, West Africa. The program consisted of 3,416m of diamond drill core (DD) and 3,067m of reverse circulation (RC) on targets in the RZ, Gambo, Bakou and Tiba zones. A recent NI 43-101 compliant resource update (Oct 18/07) of the four principle zones estimates 446,000oz of indicated and 64,000oz of inferred. The resource update does not include results from the latest program.

“The findings from the recent DD campaign were very encouraging as they confirm previous RC results and in many cases enhance them. The program also produced new discoveries at Bakou and Tiba SW thus providing further support for expanding the total resources at Sega”, stated Steve King, Vice President of, Exploration for Orezone.

RZ Zone: Drilling confirmed the consistency of known mineralization in particular in the flexure zone to the east where RZC935 Intersected 20m of 2.82g/t.

Bakou Zone: Diamond drilling intersected numerous high grade zones down dip from known mineralization including 24m of 3.11g/t in BKD046 and 21m of 2.29g/t in BKD047. Mineralization remains open at depth. A new mineralized zone was discovered in BKD048 which included 20m of 1.43g/t (Table 1).

“The recent results from Bakou demonstrate multiple higher-grade mineralized zones that are opening up at depth and appear to be related to well-defined regional structures”, commented Steve King, VP, Exploration for Orezone.

Gambo Zones: Gambo and Gambo 2S drilling encountered significant gold mineralization and includes 9.0m of 3.22g/t in GRC911 and several mineralized intervals in G2D052 including 9m of 3.22g/t (Table 1). Mineralization in both areas remains open at depth.

Tiba Zones: Diamond drilling on the Tiba 1E zone was designed to test the consistency of mineralization in previous RC holes. Significant mineralization was intercepted in T1D058 including 29.5m of 3.31g/t followed by 11.0m of 2.42g/t (Table 1). Mineralization in the central portion of Tiba 1E remains open at depth.

A new discovery at Tiba (**Tiba SW**) is located more than 1,200m southwest of the Tiba 3 zone and is coincident with a 600m east-west trending geophysical anomaly. A single RC hole tested an interpreted structural/stratigraphic contact and returned 9m of 3.01g/t and 7m of 0.78g/t over an interval from 20 to 38m (Table 1).

Table 1 shows partial results from the Tiba Permit which was drilled as part of the recently completed 25,000m Sega Property drilling program. The Tiba program was focused primarily on upgrading resources and testing several new targets (e.g., Tiba SW). Regional results are pending and will be reported separately.

Table 1. Highlights of 2007 DD and RC Drilling Program

Prospect (section)	Hole (ID)	Hole (Type)	From (m)	To (m)	Interval (m)*	Au Grade (g/t)**	
RZ (1675)	RZD041	DD	29.0	34.0	5.0	1.11	
			36.0	39.0	3.0	1.21	
			46.0	56.0	10.0	2.37	
RZ (1700)	RZC935	RC	37	45	8	2.20	
			47	67	20	2.82	
Bakou (7250)	BKD051	DD	44.0	53.0	9.0	2.89	
			81.0	86.0	5.0	1.02	
			91.0	100.8	9.8	1.56	
Bakou (7300)	BKD049	DD	19.0	24.0	5.0	0.68	
			54.0	72.0	18.0	2.16	
Bakou (7350)	BKD048	DD	31.0	41.0	9.0	3.10	
			43.0	49.0	6.0	1.81	
			New Zone	111.0	116.0	5.0	1.67
			New Zone	118.0	138.0	20.0	1.43
Bakou (7400)	BKD046	DD	140.0	144.0	4.0	0.69	
			57.0	61.0	4.0	1.56	
			101.0	111.0	10.0	1.49	
			150.0	153.0	3.0	0.77	
Bakou (7400)	BKD047	DD	159.0	183.0	24.0	3.11	
			185.0	190.0	5.0	0.47	
			20.0	27.0	7.0	1.55	
			36.0	39.0	3.0	1.32	
			42.0	45.0	3.0	0.66	
Bakou (7425)	BKD045	DD	48.0	51.0	3.0	1.70	
			107.0	128.0	21.0	2.29	
			130.0	135.0	5.0	0.53	
			98.0	105.0	7.0	2.82	
			151.0	155.0	4.0	5.96	
Gambo (1900)	GRC911	RC	160.0	164.0	4.0	2.49	
			175.0	178.0	3.0	2.01	
			181.0	184.0	3.0	1.10	
			190.0	202.1	12.1	0.64	
			48.0	51.0	3.0	1.16	
Gambo 2 (2825)	G2D052	DD	115.0	124.0	9.0	2.45	
			125.0	133.0	7.5	2.72	

			135.0	149.0	14.0	1.02
Tiba 1E (3650)	T1D056	DD	48.0	59.0	11.0	4.29
Tiba 1E (3700)	TBC956	RC	6.0	13.0	7.0	2.12
			17.0	33.0	16.0	1.66
Tiba 1E (3700)	T1D057	DD	56.0	64.0	8.0	2.72
Tiba 1E (3750)	T1D058	DD	14.0	43.5	29.5	3.31
			46.5	57.5	11.0	2.42
Tiba 1E (3800)	T1D059	DD	100	104.65	4.15	4.43
Tiba 3E (4525)	T3D062	DD	18.0	21.0	3.0	0.72
			42.5	47.0	4.50	4.52
Tiba 3E (4625)	T3D063	DD	52.0	64.0	12.0	2.59
			75.0	80.0	5.0	0.66
Tiba 3E (4675)	T3D064	DD	46.0	55.0	9.0	2.55
Tiba SW (new zone)	TBC946	RC	20	27	7	0.78
			29	38	9	3.01

***Down hole intervals: true widths expected to be approximately 70%**

****0.5 g/t Cut-off**

Drilling on the Segra property was supervised by M.S. (Steve) King, P. Geo., V.P. Exploration for Orezone, who is a Qualified Person under National Instrument 43-101 and has reviewed and approved the technical information in this release. Orezone employs a rigorous Quality Control Program (QCP) employing a minimum 10% standards, blanks and duplicates. Analysis was completed at Abilab Burkina SARL Ouagadougou (subsidiary of ALS Laboratory group) for bottle roll (LeachWELL™) and ALS Chemex (formerly Abilab) Bamako for Fire Assay.

Orezone is an explorer and emerging gold producer whose main asset is Essakane, the largest gold deposit in Burkina Faso, West Africa. The company has a pipeline of projects, all located in politically stable areas of West Africa which is one of the world's fastest growing gold producing regions. Orezone's mission is to create wealth by discovering and developing the earth's resources in an efficient and responsible manner.

For further information please contact:

<p>Ron Little Chief Executive Officer rlittle@orezone.com</p> <p>Pascal Marquis President pmarquis@orezone.com</p>	<p>Niel Marotta Vice President Corporate Finance & Development nmarotta@orezone.com</p> <p>Janet Eastman Manager of Investor Relations jeastman@orezone.com</p>
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Telephone: (613) 241-3699

Toll Free: (888) 673-0663

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