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ENDEAVOUR MINING INCREASES MINERAL RESERVES TO 4.5 MILLION OZ WITH EXPLORATION ADDITIONS OF 870,000 OZ IN 2014

Vancouver, February 19, 2015 – Endeavour Mining Corporation (“Endeavour” or the “Corporation”) (TSX:EDV) (ASX:EVR) (OTCQX:EDVMF) announces year-end mineral reserves of 4.5 million ounces of gold for a net increase of 412,000 ounces when compared to the end of 2013. With depletion from mining of 458,000 ounces during 2014, the total exploration additions are 870,000 ounces. Both the Agbaou and Tabakoto mines experienced a net gain in reserves when compared to the end of 2013 demonstrating the potential for steady replacement of mined ounces. The Houndé Project had a 34% increase in reserves to 2.1 million ounces confirming that Houndé is a core asset in our growth profile (see Houndé news release dated February 19, 2015).

Neil Woodyer, CEO, stated

“We are very pleased to report total reserve additions from exploration during 2014 of 870,000 ounces. This excellent result was achieved with programs focused on extending mine life at the Agbaou and Tabakoto mines and at our Houndé Project.

At the Agbaou and Tabakoto mines, \$2.1 million and \$9.2 million was spent, respectively, leading to a cost of approximately \$33 per discovered reserve ounce. At Agbaou, the reserve gains are almost exclusively oxides added as a result of the drill program that was reported in October 2014. At Tabakoto, the ongoing underground exploration initiatives and continued drilling below development is successfully converting Inferred resources to Measured and Indicated and, ultimately, into reserves.

At the Houndé project, \$6.7 million was spent during 2014 leading to a cost of approximately \$13 per discovered reserve ounce. With updated reserves of 2.1 million ounces there is the significant impact of increasing potential production, extending mine life and further strengthening overall project economics – we have described the updated Houndé project in a separate news release today.”

Table 1: Mineral Reserves and Resources Summary Table (in '000 ounces)

Mine / Project	As at December 31, 2014		
	Reserves	Resources (incl. reserves)	
	2P	M&I	Inferred
Agbaou	926	1,109	154
Nzema	496	1,590	311
Tabakoto	807	1,839	1,582
Youga	202	812	141
Houndé	2,073	2,546	273
Total	4,503	7,896	2,462
Total Attributable	3,952	6,938	2,099

Note: Measured and Indicated Resources shown are inclusive of Proven and Probable Reserves. See the detailed Mineral Resource and Mineral Reserve Tables and the Notes to Mineral Resources and Reserves in an appendix of this news release for further detail.

Agbaou Mine

Following the positive results from our exploration drilling at Agbaou (News release dated October 9, 2014), all data have now been incorporated into the resource model and the increase in the reserves from 880,000 ounces to 926,000 ounces, after a record mine production (on a processed ore contained ounce basis) of 151,000 ounces were depleted in 2014.

The drill program was essentially targeting shallow oxide mineralization north of the main pit and in the west pit areas. New discoveries have also brought additional Inferred mineralization into the resources, generating new targets to be drilled out in 2015. A new drill program is being implemented to follow up on these targets aiming to extend the reserves by the end of 2015.

Tabakoto Mine

The exploration program at Tabakoto was focussed primarily on the underground drilling of mineralized zones below development in the Tabakoto and Segala mines as well as converting the Kofi B Inferred mineral resource into a mineral reserve.

The program successfully increased the reserves at Tabakoto from 284,000 ounces to 319,000 ounces (after mining depletion) and increased Segala underground reserves from 184,000 ounces to 201,000 ounces (after mining depletion). At Kofi, the Kofi B conversion drill program has increased the reserves by a further 51,000 ounces.

The drill programs in the Tabakoto and Segala mines to extend the life of mine continues in 2015. The conversion of the Bétéa resources from Inferred mineral resources to reserves is under review on our Kofi mining permit. Bétéa has a current resource estimate of 169,000 ounces of Indicated mineral resources and 385,000 ounces of Inferred mineral resources.



Houndé Project

The Houndé exploration drill program, resources and reserves update, updated mine plan, updated capital cost estimate and a summary of the key project economic indicators are described in a separate news release. The increase in reserves to 2.1 million ounces is due to the expansion of the Vindaloo deposit and inclusion of two new deposits within 14 kilometres of the proposed plant site.

Qualified Persons

Adriaan "Attie" Roux, Pr.Sci.Nat, Endeavour's Chief Operating Officer, is a Qualified Person under NI 43-101, and has reviewed and approved the technical information related to mining operations in this news release. Gérard De Hert, EurGeol, Vice President Exploration is the Qualified Person overseeing Endeavour's exploration projects in West Africa and has reviewed and approved the exploration and resource information in this news release.

The Qualified Persons for the mineral resources and mineral reserves are listed as footnotes to the tables provided in the Appendix to this new release.

About Endeavour Mining Corporation

Endeavour is a Canadian-based gold mining company producing 500,000 ounces per year from four mines in West Africa. Endeavour is focused on effectively managing its existing assets to maximize cash flow as well as pursuing organic and strategic growth opportunities that benefit from its management and operational expertise.

On behalf of Endeavour Mining Corporation

Neil Woodyer

Chief Executive Officer

This news release contains "forward-looking statements" including but not limited to, statements with respect to Endeavour's plans and operating performance, the estimation of mineral reserves and resources, the timing and amount of estimated future production, costs of future production, future capital expenditures, and the success of exploration activities. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as "expects", "expected", "budgeted", "forecasts" and "anticipates". Forward-looking statements, while based on management's best estimates and assumptions, are subject to risks and uncertainties that may cause actual results to be materially different from those expressed or implied by such forward-looking statements, including but not limited to: risks related to the successful integration of acquisitions; risks related to international operations; risks related to general economic conditions and credit availability, actual results of current exploration activities, unanticipated reclamation expenses; changes in project parameters as plans continue to be refined; fluctuations in prices of metals including gold; fluctuations in foreign currency exchange rates, increases in market prices of mining consumables, possible variations in ore reserves, grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes, title disputes, claims and limitations on insurance coverage and other risks of the mining industry; delays in the completion of development or construction activities, changes in national and local government regulation of mining operations, tax rules and regulations, and political and economic developments in countries in which Endeavour operates. Although Endeavour has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. Please refer to Endeavour's most recent Annual Information Form filed under its profile at www.sedar.com for further information respecting the risks affecting Endeavour and its business.

Appendix

Mineral Resources (effective date: December 31, 2014)

Mine / Project	Resources (including reserves)											
	Measured			Indicated			Measured & Indicated			Inferred		
	Tonnes (000's)	Grade Au g/t	Ounces (000's)	Tonnes (000's)	Grade Au g/t	Ounces (000's)	Tonnes (000's)	Grade Au g/t	Ounces (000's)	Tonnes (000's)	Grade Au g/t	Ounces (000's)
Nzema¹ - Total	23,746	1.4	1,040	12,956	1.3	550	36,702	1.3	1,590	7,618	1.3	311
Attributable - 90%			936			495			1,431			280
Youga² - Total	7,319	1.3	317	9,696	1.6	494	17,016	1.5	812	2,773	1.6	141
Attributable - 90%			285			444			730			127
Agbaou³ - Total	2,875	2.8	255	11,058	2.4	854	13,933	2.5	1,109	2,081	2.3	154
Attributable - 85%			216			726			942			131
Tabakoto⁴ - Total	5,611	2.9	529	13,391	3.0	1,310	19,002	3.0	1,839	17,607	2.8	1,582
Attributable - 80-90%			433			1,110			1,543			1,315
Hounde⁵ - Total	3,690	2.6	305	34,073	2.1	2,242	37,760	2.1	2,546	3,230	2.6	273
Attributable - 90%			274			2,017			2,291			246
Total	43,242	1.8	2,446	81,174	2.1	5,449	124,413	2.0	7,896	33,309	2.3	2,462
Total Attributable			2,146			4,792			6,938			2,099

Mineral Reserves (effective date: December 31, 2014)

Mine / Project	Reserves									
	Proven			Probable			Proven & Probable			Gold Price US\$/oz
	Tonnes (000's)	Grade Au g/t	Ounces (000's)	Tonnes (000's)	Grade Au g/t	Ounces (000's)	Tonnes (000's)	Grade Au g/t	Ounces (000's)	
Nzema¹ - Total	5,208	2.0	339	2,087	2.3	156	7,295	2.1	496	1,350
Attributable - 90%			305			141			446	
Youga² - Total	2,544	1.7	139	966	2.0	63	3,510	1.8	202	1,250
Attributable - 90%			125			57			181	
Agbaou³ - Total	2,729	2.7	236	8,800	2.4	690	11,529	2.5	926	1,350
Attributable - 85%			200			587			787	
Tabakoto⁴ - Total	2,328	3.3	249	4,387	4.0	558	6,715	3.7	807	1,350
Attributable - 80-90%			202			470			672	
Hounde⁵ - Total	3,700	2.5	295	26,901	2.1	1,780	30,601	2.1	2,073	1,300
Attributable - 90%			266			1,602			1,866	
Total	16,509	2.4	1,258	43,141	2.3	3,247	59,650	2.3	4,503	
Total Attributable			1,098			2,856			3,952	

Notes to Mineral Resources and Reserves

¹ Nzema mineral resource update prepared by W.J.A. Yeo MAIG (Endeavour) as depletion, effective date December 31, 2014, of mineral resource prepared by N.J. Johnson MAIG (MPR Geological Consultants Pty Ltd.), Qualified Person for the mineral resources; M. Alyoshin MAusIMM CP Min (Endeavour) is Qualified Person for Nzema mineral reserves. Most recent filed report is "Technical Report and Mineral Resource and Reserve Update for the Nzema Gold Mine, Ghana, West Africa", effective date December 31, 2012, prepared by N.J. Johnson MAIG (MPR Geological Consultants Pty Ltd.), Q. De Klerk FAusIMM (Cube Consulting Pty Ltd.) and W.J.A. Yeo MAIG (Endeavour), A.A. Roux Pr.Sci.Nat. (Endeavour).

² K. Harris CPG (Endeavour) is Qualified Person for Youga mineral resources; A. de Freitas C.Eng (Endeavour) is Qualified Person for Youga mineral reserves; Updated Youga Technical Report is in progress.

³ K. Harris CPG (Endeavour) is Qualified Person for Agbaou mineral resources; M. Alyoshin MAusIMM CP Min (Endeavour) is Qualified Person for Agbaou mineral reserves; Updated Agbaou Technical Report is in progress.

⁴ K. Harris CPG (Endeavour) is Qualified Person for Tabakoto and Kofi mineral resources; M. Alyoshin MAusIMM CP Min (Endeavour) is Qualified Person for Tabakoto and Kofi open pit mineral reserves; M. Glasspool Pr Eng (Endeavour) is Qualified Person for Tabakoto and Segala underground mineral reserves. Most recent filed report is "Technical Report and Mineral Resource and Mineral Reserve Update for the Tabakoto Gold Mine, Mali, West Africa" effective date December 31, 2013, prepared by G. de Hert EurGeol (Endeavour); K. Harris CPG (Endeavour); M. Alyoshin MAusIMM CP Min (Endeavour), V. Duke ECSA (Sound Mining), A.A. Roux Pr.Sci.Nat.(Endeavour), E. Puritch, P.Eng (P&E Mining Consultants Inc.), Antoine Yassa, P.Geo (P&E Mining Consultants Inc.).

⁵ M. Zammit MAIG (Cube Consulting) is an independent Qualified Person for the Vindaloo mineral resources. Kevin Harris CPG (Endeavour) is a Qualified Person for the Bouéré and Dohoun mineral resources. R.M. Cheyne FAusIMM (Oreology) is an independent Qualified Person for the Vindaloo mineral reserves and the overall mining schedule. Michael Alyoshin MAusIMM CP Min (Endeavour) is a Qualified Person for the Bouéré and Dohoun mineral reserves. Most recent filed report is "Houndé Gold Project – Burkina Faso, Feasibility Study NI 43-101 Technical Report" effective date October 31, 2013, prepared by M. Zammit MAIG (Cube Consulting), M. Warren MIEAust CPEng (Lycopodium), R.M. Cheyne FAusIMM (ORELOGY), D. Morgan CPEng (Knight Piésold), P. O'Bryan MAusIMM (CP) (Peter O'Bryan and Associates).

The following notes apply to the tables:

- Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
- Tonnages are rounded to the nearest 100,000 tonnes; gold grades are rounded to one decimal place; ounces are rounded to the nearest 1,000 ounces. Rounding may result in apparent summation differences.
- Tonnes and grade measurements are in metric units; contained gold is in troy ounces.