

McEwen Mining: Grey Fox Gold Resources Hit a Significant Milestone

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TORONTO, Feb. 03, 2025 - [McEwen Mining Inc.](#) (NYSE: MUX) (TSX: MUX) is pleased to report a significant increase in the estimated gold (Au) resources at the Fox Complex's Grey Fox deposit to December 31st, 2024, compared to the last estimate in the 2021 Fox Complex PEA (refer to Table 1). The discovery cost of this increase was US \$14.46 per ounce (oz). The deposit itself is subdivided into six different zones: Contact, 147, 147 NE, Grey Fox South (GFS), Gibson & Whiskey-Jack (WJ), shown as *yellow stars in Figure 1*. An intriguing historic public government record reports that a bulk sample of 8,000 tonnes taken in 1989 from the Gibson zone ramp yielded an average grade in excess of 27 g/t gold. Mineralization at Grey Fox is in close proximity to the highly prolific Porcupine-Destor fault, which historically has been associated with the production of some 110 million ounces of gold. A complete update of the mineral resources at the Fox Complex will be published in the coming weeks.

The increase in resources at Grey Fox can be attributed to a number of factors: exploration drilling discovering and extending new and existing gold lenses; a higher gold price used to calculate the resource, from US\$1,750, used in 2021 to US\$2,000 today that allowed for a lower cut-off grade, from 2.30 g/t Au to 1.60 g/t Au, which also benefited from foreign exchange rates, used in the evaluation of potential underground mining scenario shapes.

Rob McEwen, Chairman and Chief Owner, said, *"Our investment in exploration on the Fox Complex properties has successfully expanded our gold resources, which will enable us to both increase annual production and extend the mine life. Grey Fox is one of several exploration targets contributing to the growth of gold resources and enhancing the future production at our Fox Complex."*

Table 1. Grey Fox Mineral Resource Update

Grey Fox Mineral Resource Update as of December 31 st , 2024			
Resource	Cut-off Grade	Contained Gold	Contained Metal
Classification	Gold (g/t)	(oz)	(t)
Measured	1.60	-	-
Indicated	1.60	3,585,000	3,585,000
Total Measured + Indicated	1.60	3,585,000	3,585,000
Inferred	1.60	4,500,000	4,500,000
Total Inferred	1.60	4,500,000	4,500,000

The Grey Fox deposit is located approximately 3 kilometers South-East of McEwen Mining's Black Fox Mine and about 75 kilometers East of Timmins, Ontario, Canada (see Figure 1). The geology of the Fox Complex shown in Figure 1 is highly favourable for structurally controlled gold mineralization principally due its proximity to the world-class Porcupine-Destor Fault Zone and subordinate splay faults such as the A-1 and Gibson-Kelore. In addition, there is a large intrusive porphyry (syenite) body at Grey Fox which could also have been a 'heat-engine' for much of the gold mineralization. Current geological modeling of Grey Fox by McEwen Mining indicates the presence of over 150 distinct mineralized lenses in an area of about 1.4 square kilometers, with many of the lenses extending to the bedrock surface. The high concentration of lenses in such a compact area may indicate a robust mineralized system at Grey Fox. This is especially evidenced at the Gibson zone, where our drilling has confirmed mineralization from near surface (<25 m) down to vertical depths exceeding 800 m. In addition, the majority of these mineralized lenses remain open at depth.

Figure 1. Plan View Map of the Eastern Fox Complex

Referring to Table 2 below it can be seen that the 2024 resource update resulted in an increase (compared to the 2021 PEA) in contained gold for all six zones, for both the Indicated and Inferred categories. Of particular interest are the increases at Gibson because of the historical Gibson Ramp which, when recommissioned, could provide access for early production ounces from Grey Fox. Gibson's Indicated resource increased 181% from 139,000 oz to 290,000 oz gold and its Inferred resource increased 80% from 125,000 oz to 245,000 oz gold.

Table 2. Comparison by Zone Between the 2021 PEA Resource and the December 31st, 2024 Resource Update

Classification	Zone	Quantity ('000 t)			Grade Gold (g/t)			Contained Metal - Gold (oz)		
		PEA 2021	Dec 2024	% Change	PEA 2021	Dec 2024	% Change	PEA 2021	Dec 2024	% Change
Indicated	Contact Zone	2,346	3,449	47 %	5.06	3.61	-20 %	382,000	400,000	47 %
	147 Zone	1,952	3,159	62 %	4.89	3.85	-15 %	307,000	391,000	59 %
	147NE Zone	863	1,247	44 %	5.40	4.01	-19 %	150,000	161,000	17 %
	South Zone	1,267	1,547	22 %	4.69	3.62	-24 %	191,000	180,000	31 %
	Gibson Zone	1,137	3,097	172 %	3.79	2.91	-20 %	139,000	290,000	181 %
	WJ Zone	-	636	-	-	5.69	-	-	116,000	-
Inferred	Contact Zone	259	609	135 %	4.58	3.34	-23 %	38,000	65,000	97 %
	147 Zone	246	532	116 %	4.85	4.23	-21 %	38,000	72,000	78 %
	147NE Zone	64	120	88 %	7.51	5.28	-23 %	15,000	20,000	16 %
	South Zone	135	460	241 %	4.38	3.52	-24 %	19,000	52,000	39 %
	Gibson Zone	982	2,587	164 %	3.95	2.94	-24 %	125,000	245,000	80 %
	WJ Zone	-	11	-	-	9.40	-	-	3,000	-

Also noteworthy to mention is that the resource for the Whiskey-Jack (WJ) zone is categorized as 97% Indicated mineralization with 116,000 oz gold at a grade of 5.7 g/t Au. The WJ zone possesses the greatest average true widths (5 to 7 meters) and the highest grade of any zone at Grey Fox. This zone is situated only 350 meters away from the entrance to the Gibson Ramp (see Press Release dated December 2nd, 2024) and if this ramp is used, WJ could also be a potential early mining horizon at Grey Fox.

The discovery cost per ounce of gold (since the 2021 PEA resource estimate) was US \$14.46. This low cost is principally due to intercepting multiple lenses of mineralization, often with a single drillhole, and to the Exploration team's optimized drill programs, which resulted from continued improvements to the geological understanding of the Grey Fox deposit.

Table 3 provides a comparison of the 2021 PEA resource estimate with the December 31st, 2024 resource update. The decrease in grade reflects the lower cut-off used in the calculation of mineral resources using potential underground mining scenario shapes due to an increase in the gold price used, which has risen from US\$ 1,725/oz Au to US\$ 2,000/oz Au. This is more than offset by the extension of existing lenses and the discovery of new ones, adding new tonnes and ounces to the resource.

Table 3. Comparison of the 2021 PEA Resource Estimate to the Year-End 2024 Resource Estimate

PEA 2021				
Classification	Cut-off Grade	Quantity	Grade Gold	Contained Metal
	Gold (g/t)	('000 t)	(g/t)	Gold (oz)
Measured Resource	2.30	-	-	-
Indicated Resource	2.30	7,566	4.80	1,168,000
Total Measured + Indicated	2.30	7,566	4.80	1,168,000
Inferred Resource	2.30	1,685	4.36	236,000
Total Inferred	2.30	1,685	4.36	236,000

Grey Fox Mineral Resource Update as of December 31st, 2024

Classification	Cut-off Grade Gold (g/t)	Quantity (‘000 t)	Grade Gold (g/t)	Contained Metal Gold (oz)
Measured Resource	1.60	-	-	-
Indicated Resource	1.60	13,135	3.64	1,538,000
Total Measured + Indicated	1.60	13,135	3.64	1,538,000
Inferred Resource	1.60	4,319	3.30	458,000
Total Inferred	1.60	4,319	3.30	458,000

Changes in the Elements of the Resource Estimation - December 31st, 2024 versus PEA 2021

Classification	Quantity (‘000 t)	Grade Gold (g/t)	Contained Metal Gold (oz)
Measured Resource	-	-	-
Indicated Resource	74%	-24%	32%
Total Measured + Indicated	74%	-24%	32%
Inferred Resource	156%	-25%	95%
Total Inferred	156%	-25%	95%

Technical Information

Technical information pertaining to the Fox Complex exploration contained in this news release has been prepared under the supervision of Sean Farrell, P.Geol., Exploration Manager, who is a Qualified Person as defined by Canadian Securities Administrators National Instrument 43-101 "Standards of Disclosure for Mineral Projects."

The technical information related to resource and reserve estimates in this news release has been reviewed and approved by Luke Willis, P.Geol., McEwen Mining's Director of Resource Modelling and is a Qualified Person as defined by SEC S-K 1300 and Canadian Securities Administrators National Instrument 43-101 "Standards of Disclosure for Mineral Projects."

Footnotes to Tables 1-3

- Mineral resources are not mineral reserves and do not have demonstrated economic viability.
- All figures are rounded to reflect the relative accuracy of the estimates.
- Composites were capped where appropriate.
- Historical mineral resources stated for the 2021 PEA are reported at a cut-off grade of 2.30 g/t gold, assuming an underground extraction scenario, a gold price of US \$1,725 per ounce, and a metallurgical recovery of 90 percent.
- Updated mineral resources for December 2024 are reported at a cut-off grade of 1.60 g/t gold, assuming an underground extraction scenario, a gold price of US \$2,000 per ounce, and a metallurgical recovery of 90 percent.

CONCERNING FORWARD-LOOKING STATEMENTS

This news release contains certain forward-looking statements and information, including "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. The forward-looking statements and information expressed, as at the date of this news release, McEwen Mining Inc.'s (the "Company") estimates, forecasts, projections, expectations or beliefs as to future events and results. Forward-looking statements and information are necessarily based upon a number of estimates and assumptions that, while considered reasonable by management, are inherently subject to significant business, economic and competitive uncertainties, risks and contingencies, and there can be no assurance that such statements and information will prove to be accurate. Therefore, actual results and future events could differ materially from those anticipated in such statements and information. Risks and uncertainties that could cause results or future events to differ materially from current expectations expressed or implied by the forward-looking statements and information include, but are not limited to, fluctuations in the market price of precious metals, mining industry risks, political, economic, social and security risks associated with foreign

operations, the ability of the Company to receive or receive in a timely manner permits or other approvals required in connection with operations, risks associated with the construction of mining operations and commencement of production and the projected costs thereof, risks related to litigation, the state of the capital markets, environmental risks and hazards, uncertainty as to calculation of mineral resources and reserves, foreign exchange volatility, foreign exchange controls, foreign currency risk, and other risks. Readers should not place undue reliance on forward-looking statements or information included herein, which speak only as of the date hereof. The Company undertakes no obligation to reissue or update forward-looking statements or information as a result of new information or events after the date hereof except as may be required by law. See McEwen Mining's Annual Report on Form 10-K for the fiscal year ended December 31, 2023, Quarterly Report on Form 10-Q for the three months ended March 31, 2024, June 30, 2024, and September 30, 2024, and other filings with the Securities and Exchange Commission, under the caption "Risk Factors", for additional information on risks, uncertainties and other factors relating to the forward-looking statements and information regarding the Company. All forward-looking statements and information made in this news release are qualified by this cautionary statement.

The NYSE and TSX have not reviewed and do not accept responsibility for the adequacy or accuracy of the contents of this news release, which has been prepared by the management of McEwen Mining Inc.

ABOUT MCEWEN MINING

McEwen Mining Inc. is a gold and silver producer with operations in Nevada (USA), Canada, Mexico, and Argentina. The company also owns 46.4% of McEwen Copper, which develops the large, advanced-stage Los Azules copper project. Los Azules aims to become Argentina's first regenerative copper mine and is committed to achieving carbon neutrality by 2038.

Focused on enhancing productivity and extending the life of its assets, the Company's goal is to increase its share price and provide investor yield. Rob McEwen, Chairman and Chief Owner, has a personal investment in the companies of US\$225 Million. His annual salary is US\$1.

McEwen Mining's shares are publicly traded on the New York Stock Exchange (NYSE) and the Toronto Stock Exchange (TSX) under the symbol "MUX".

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