Arizona Mining drilling continues to expand Taylor deposit - HDS-356 intersects 12 mineralized intervals

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Including 26 feet grading 9.43% zinc, 9.75% lead, 0.37% copper and 3.33 opt silver

VANCOUVER, Aug. 4, 2016 - Arizona Mining Inc. (TSX: AZ) ("Arizona Mining" or the "Company") is pleased to announce the results of a further three (3) drill holes from its current drill program targeting the expansion of the Taylor Zn-Pb-Ag sulfide deposit located on its 100% owned Hermosa Project in Santa Cruz County, Arizona USA. These and the other recently completed drill holes continue to expand the maiden resource announced on February 1, 2016 of 39.4 M inferred tonnes grading 11% zinc equivalent. In addition to the exploration holes, two (2) water monitoring wells and water production well were completed to aid in the development of the project.

HDS-356 is located on the northeast side of the Alta Patent to extend the resource to the northeast. The drill hole encountered 12 distinct mineralized intervals including a 26 foot interval which assayed 9.43% zinc, 9.75% lead, 0.37% copper and 3.33 opt Ag. This interval was within a broader zone of mineralization that was 60 feet thick which assayed 4.79% zinc, 5.28% lead, 0.20% copper and 1.89 opt silver. The cumulative thickness of zinc/lead/silver mineralization in the carbonate section totals 470.5 feet.

HDS-355 is an exploration step out hole located approximately 800 feet southwest of the resource area. The drill hole encountered intense alteration and recrystallization of the carbonate hosts and two (2) distinct mineralized intervals including a 10.5 foot interval which assayed 7.81% zinc, 6.45% lead and 2.27 opt silver.

Completed during the period were water monitor wells HDS-345 and HDS-349. These drill holes are sited approximately 1200-1500 feet west of the resource. In addition to providing hydrologic data, HDS-349 intersected two (2) distinct zones of mineralization in the carbonate horizons, including a 10 foot interval grading 5.25% zinc, 8.82% lead, 0.27% copper and 2.73 opt silver.

HDS-352 is an angle core hole drilled due west from the previously drilled HDS-108 pad. The hole encountered two (2) thick sections of oxide mineralization (silver/manganese) but only two (2) intersections of sulfide mineralization. The sulfide intersections included a 13 foot interval which assayed 4.4% zinc, 3.73% lead, 0.04% copper, and 1.32 opt silver.

Arizona Mining COO Don Taylor commented, "We are pleased with the results of the current drilling as we continue to hit robust zinc, lead and silver mineralization over significant stratigraphic thicknesses in major step out holes. Additionally, the intervals intersected in the infill drilling continue to match up nicely with the major mineralized horizons."

Table I. Assay summaries for HDS-349; HDS-352; HDS-355 & HDS-356

DH_ID	From (feet)	To (feet)	Interval (in feet)	From (meters)	To (meters)	Interval (meters)	Ag opt	Pb%	Zn%	Cu%	Ore Zone
HDS-349	970	980	10	295.6	298.7	3.0	0.88	0.43	1.99	0.01	CRD
HDS-349	3368	3378	10	1026.5	1029.6	3.0	2.73	8.82	5.25	0.27	CRD
HDS-352	2314	2327	13	705.5	709.5	4.0	1.32	3.73	4.40	0.04	CRD
HDS-352	3389	3392	3	1032.9	1033.8	0.9	22.84	0.35	0.43	0.52	CRD
HDS-355	3130	3140.5	10.5	954.0	957.2	3.2	2.27	6.45	7.81	0.07	CRD
HDS-355	3536	3539	3	1077.7	1078.6	0.9	7.32	9.07	5.81	0.00	CRD
HDS-356	235	285	50	71.6	86.9	15.2	0.71	0.87	1.74	0.05	CRD
HDS-356	480	550	70	146.3	167.6	21.3	1.73	1.51	2.34	0.07	CRD
HDS-356	927	947.5	20.5	282.5	288.8	6.2	1.07	1.81	5.05	0.03	CRD
HDS-356	1387.5	1417	29.5	422.9	431.9	9.0	3.32	8.14	9.53	0.08	CRD
HDS-356	2020	2032	12	615.7	619.3	3.7	0.93	2.98	4.02	0.05	CRD
HDS-356	2106	2114.5	8.5	641.9	644.5	2.6	1.01	2.47	3.30	0.07	CRD
HDS-356	2158	2192	34	657.7	668.1	10.4	1.87	0.79	1.57	0.17	CRD
HDS-356	2564.5	2572.5	8	781.6	784.1	2.4	0.78	2.58	3.28	0.01	CRD
HDS-356	2600	2742	142	792.4	835.7	43.3	0.74	2.34	2.50	0.02	CRD
Including	2650	2681	31	807.7	817.1	9.4	1.05	3.04	3.47	0.04	CRD
Including	2702	2738	36	823.5	834.5	11.0	2.11	7.00	7.94	0.03	CRD
HDS-356	2868.5	2972	103.5	874.3	905.8	31.5	1.07	3.24	2.97	0.01	CRD
Including	2882	2908	26	878.4	886.3	7.9	1.28	4.02	4.13	0.01	CRD
Including	2947	2967	20	898.2	904.3	6.1	2.25	6.72	5.36	0.03	CRD
HDS-356	3052	3125	73	930.2	952.5	22.2	1.63	3.60	0.45	0.01	CRD
Including	3105	3125	20	946.4	952.5	6.1	3.99	7.26	0.35	0.01	CRD
HDS-356	3320	3380	60	1011.9	1030.2	18.3	1.89	5.28	4.79	0.20	CRD
Including	3320	3346	26	1011.9	1019.8	7.9	3.33	9.75	9.43	0.37	CRD

(Drill intersections with combined Zinc and Lead>9.% highlighted. Drill intervals are down the hole drill width but are considered to be within 5% of true width)

Qualified Person

The results of the Arizona Mining Inc. drilling results have been reviewed, verified and compiled by Donald R. Taylor, MSc., PG, Chief Operating Officer for Arizona Mining Inc., a qualified person as defined by National Instrument 43-101 (NI 43-101). Mr. Taylor has more than 25 years of mineral exploration and mining experience, and is a Registered Professional Geologist through the SME (registered member #4029597).

Assays and Quality Assurance/Quality Control
To ensure reliable sample results, the Company has a rigorous QA/QC program in place that monitors the chain-of-custody of samples and includes the insertion of blanks, duplicates, and certified reference standards at statistically derived intervals within each batch of samples. Core is photographed and split in half with one-half retained in a secured facility for verification purposes.

Sample preparation (crushing and pulverizing) has been performed at ALS Minerals Laboratories, an ISO/IEC accredited lab located in Tucson, Arizona. ALS Minerals Laboratories prepares a pulp of all samples and sends the pulps to their analytical laboratory in Vancouver, B.C. Canada for analysis. ALS analyzes the pulp sample by ICP following a 4-acid digestion (ME-ICP61 for 33 elements) including Cu (copper), Pb (lead), and Zn (zinc). All samples in which Cu (copper), Pb (lead), or Zn (zinc) are greater than 10,000 ppm are rerun using four acid digestion with an ICP – AES finish (Cu-OG62;Pb-OG62; and Zn-OG62) with the elements reported in percentage (%). Silver values are determined by ICP ((ME-ICP61) with all samples with silver values greater than 100 ppm repeated using four acid digestion with an ICP-AES finish (Ag-OG62) calibrated for higher levels of silver contained. Any values over 1,500 ppm Ag triggers a fire assay with gravimetric finish analysis. Gold values are determined by a 30 gm fire assay with an ICP-AES finish (Au-ICP21).

About Arizona Mining
Arizona Mining Inc. is a Canadian mineral exploration and development company focused on the exploration and development of its 100% owned Hermosa Project located in Santa Cruz County, Arizona. The Taylor Deposit, a lead-zinc-silver carbonate replacement deposit, has a resource of 39.4 million tonnes in the Inferred Mineral Resource category grading 11% zinc equivalent ("ZnEq") utilizing a 6% ZnEq cutoff grade calculated in accordance with NI 43-101 guidelines. The Taylor Deposit remains open to the north, west and south over land controlled by the Company and will be aggressively drilled to test the limits of the resource. The Company recently completed metallurgical test work on drill core from the Taylor Deposit that projects overall recoveries of 92.9% Pb; 85.5% Zn and 91% Ag using industry standard froth flotation processing technology. The Company's other project on the Hermosa property is the Central Deposit, a silver-manganese manto oxide development project that has a prefeasibility study completed in December 2013.

Cautionary Note Regarding Forward-Looking Information
Certain information contained in this press release constitutes forward-looking statements. All statements, other than statements of historical facts, are forward looking statements including statements with respect to the Company's intentions for its Hermosa Project in Arizona, USA including, without limitation, performing additional drilling on the Taylor Deposit. Forward-looking statements are often, but not always, identified by the use of words such as may, will, seek, anticipate, believe, plan, estimate, budget, schedule, forecast, project, expect, intend, or similar expressions.

The forward-looking statements are based on a number of assumptions which, while considered reasonable by Arizona Mining, are subject to risks and uncertainties. In addition to the assumptions herein, these assumptions include the assumptions described in Arizona Mining's management's discussion and analysis for the year ended December 31, 2015 ("MD&A"). Arizona Mining cautions readers that forward-looking statements involve and are subject to known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements to differ materially from those expressed in or implied by such forward-looking statements and forward-looking statements are not guarantees of future results, performance or achievement. These risks, uncertainties and factors include general business, economic, competitive, political, regulatory and social uncertainties; actual results of exploration activities and economic evaluations; fluctuations in currency exchange rates; changes in project parameters; changes in costs, including labour, infrastructure, operating and production costs; future prices of zinc, lead, silver and other minerals; variations of mineral grade or recovery rates; operating or technical difficulties in connection with exploration, development or mining activities, including the failure of plant, equipment or processes to operate as anticipated; delays in completion of exploration, development or construction activities; changes

in government legislation and regulation; the ability to maintain and renew existing licenses and permits or obtain required licenses and permits in a timely manner; the ability to obtain financing on acceptable terms in a timely manner; contests over title to properties; employee relations and shortages of skilled personnel and contractors; the speculative nature of, and the risks involved in, the exploration, development and mining business; and the factors discussed in the section entitled "Risks and Uncertainties" in the MD&A.

Although Arizona Mining has attempted to identify important risks, uncertainties and other factors that could cause actual performance, achievements, actions, events, results or conditions to differ materially from those expressed in or implied by the forward-looking information, there may be other risks, uncertainties and other factors that cause performance, achievements, actions, events, results or conditions to differ from those anticipated, estimated or intended. Unless otherwise indicated, forward-looking statements contained herein are as of the date hereof and Arizona Mining disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise, except as required by applicable law.

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