

Arizona Mining drilling continues to expand Taylor Deposit - HDS-358 intersects 8 mineralized intervals

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Including 24 feet grading 22.4% zinc, 24.5% lead, 0.41% copper and 13.3 opt silver

VANCOUVER, Aug. 16, 2016 - [Arizona Mining Inc.](#) (TSX: AZ) ("Arizona Mining" or the "Company") is pleased to announce the results of a further three (3) exploration drill holes from its current program targeting the expansion of the Taylor zinc-lead-silver sulfide deposit located on its 100%-owned Hermosa Project in Santa Cruz County, Arizona. These and other recently completed drill holes continue to expand the maiden resource announced on February 1, 2016 of 39.4 million inferred tonnes grading 11% zinc equivalent.

(Photo: <http://photos.prnewswire.com/prnh/20160815/398355>)

HDS-358 is located on the northeast side of the Alta Patented Claim and will extend the resource to the northeast. The drill hole encountered 8 distinct mineralized intervals including a 24-foot interval that assayed 22.4% zinc, 24.5% lead, 0.41% copper and 13.3 ounces per ton (opt) silver. This interval was within a broader zone of mineralization that was 58 feet thick and assayed 12.17% zinc, 12.12% lead, 0.19% copper and 6.17 opt silver.

HDS-357 is an exploration step out hole located approximately 900 feet northwest of the existing resource area. This drill hole is important in extending the mineralization as it matches up well with the mineralized intervals from HDS-344 (Press Release dated June 8, 2016). The drill hole encountered intense alteration and recrystallization of the carbonate host and five (5) distinct mineralized intervals including a 32.5 foot interval which assayed 7.9% zinc, 14.36% lead and 6.9 opt silver within a 75 foot thick broader zone of mineralization which assayed 3.86% zinc, 7.02% lead and 3.39 opt silver.

HDS-360 is a vertical core hole drilled in the reported resource area to infill a 450 foot gap in the drilling. The hole encountered eight (8) distinct intersections of sulfide mineralization. The sulfide intersections included a 40-foot interval that assayed 2.15% zinc, 8.94% lead, and 5.78 opt silver. The mineralized zones encountered in this drill hole correlate well with those intersected in the surrounding drill holes previously completed.

Arizona Mining COO Don Taylor commented, "We continue to be pleased with the robust nature of the drill results and the strong correlation between the identified zones of mineralization. As indicated by the drilling, there are very significant thicknesses of zinc/lead/silver mineralization that can be correlated over approximately 4,000 feet along strike and up to 1,000 feet across strike, and the mineralization remains open in every direction except where it transitions to oxide to the southeast."

Table I. Assay summaries for HDS-357; HDS-358 & HDS-360

DH_ID	From (feet)	To (feet)	Interval (in feet)	From (meters)	To (meters)	Interval (meters)	Ag opt	Pb%	Zn%	
HDS-357	1885	1921	36	574.5	585.5	11.0	2.74	2.99	2.07	0
HDS-357	3452.5	3464.5	12	1052.3	1055.9	3.7	7.26	1.59	2.86	0
HDS-357										

3495.5

3601.5

1065.4

1097.7

HDS-357 Including 3530.5	3551	20.5	1076.0	1082.3	6.2	3.62	7.37	2.25	0	
HDS-357 Including 3584	3601.5	17.5	1092.3	1097.7	5.3	2.29	7.95	2.15	0	
HDS-357	3961.5	3990.5	29	1207.4	1216.2	8.8	0.42	0.91	1.33	0
HDS-357	4174.5	4249.5	75	1272.3	1295.2	22.9	3.39	7.02	3.86	0
HDS-357 Including 4208.5	4241	32.5	1282.7	1292.6	9.9	6.91	14.36	7.90	0	
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HDS-358	751	785	34	228.9	239.3	10.4	7.78	9.19	15.80	0
HDS-358 Including 770	785	15	234.7	239.3	4.6	13.05	15.74	27.30	0	
HDS-358	1737	1742	5	529.4	530.9	1.5	6.45	1.68	0.87	0
HDS-358	2246	2306	60	684.5	702.8	18.3	0.77	1.59	2.38	0
HDS-358	2336	2394	58	712.0	729.7	17.7	6.17	12.12	12.17	0
HDS-358 Including 2370	2394	24	722.3	729.7	7.3	13.30	24.50	22.45	0	
HDS-358	2439	2444	5	743.4	744.9	1.5	1.96	5.80	7.96	0
HDS-358	2499	2514	15	761.7	766.2	4.6	1.28	3.16	0.18	0
HDS-358	3502	3647	145	1067.4	1111.6	44.2	0.45	1.30	0.74	0
HDS-358 Including 3572	3592	20	1088.7	1094.8	6.1	0.75	2.16	1.44	0	
HDS-358 Including 3627	3637	10	1105.5	1108.5	3.0	1.21	3.40	3.00	0	
HDS-358	3752	3772	20	1143.6	1149.6	6.1	6.61	3.28	2.21	0
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HDS-360	912	942	30	278.0	287.1	9.1	1.37	1.03	1.71	0
HDS-360	1939	1962	23	591.0	598.0	7.0	0.57	1.62	2.36	0
HDS-360	1988.5	1995	6.5	606.1	608.0	2.0	2.59	7.40	5.38	0
HDS-360	2025	2032	7	617.2	619.3	2.1	0.81	2.54	3.93	0
HDS-360	2622	2712	90	799.1	826.6	27.4	0.47	1.48	0.84	0
HDS-360 Including 2687	2702	15	819.0	823.5	4.6	1.71	5.56	2.57	0	
HDS-360	3027	3036.5	9.5	922.6	925.5	2.9	1.48	5.31	4.27	0
HDS-360	3132	3172	40	954.6	966.8	12.2	5.78	8.94	2.15	0
HDS-360	3355	3471.5	116.5	1022.6	1058.1	35.5	0.89	1.79	1.77	0
HDS-360 Including 3355	3364.5	9.5	1022.6	1025.4	2.9	4.52	8.11	6.84	0	
HDS-360 Including 3462	3471.5	9.5	1055.2	1058.1	2.9	2.34	4.59	6.53	0	

(Drill intersections with combined Zinc and Lead >9.0% bolded. 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.

SOURCE [Arizona Mining Inc.](#)

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