



Suite 555 – 999 Canada Place  
Vancouver, BC, V6C 3E1  
Tel: 604-484-3597  
Fax: 604-687-1715  
Email: [info@arizonamining.com](mailto:info@arizonamining.com)  
Web: [www.arizonamining.com](http://www.arizonamining.com)

## NEWS RELEASE

### **ARIZONA MINING DRILLS 1300 FOOT STEP OUT HOLE GRADING 23.1% ZINC, 13.5% LEAD AND 7.3 OPT SILVER OVER 24.5 FEET**

**Vancouver, B.C., September 13, 2016 – Arizona Mining Inc. (TSX: AZ)** (“Arizona Mining” or the “Company”) is pleased to announce the results of a further two (2) exploration drill holes from its current program targeting the expansion of the Taylor Zn-Pb-Ag sulfide deposit located on its 100% owned Hermosa Project in Santa Cruz County, Arizona. These and the 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.

HDS-354 is an exploration step out hole located approximately 1,300 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 (announced June 28, 2016). The drill hole encountered intense alteration and recrystallization of the carbonate host and five (5) distinct mineralized intervals including a 24.5 foot interval which assayed 23.1% zinc, 13.5% lead, 0.10% copper and 7.3 ounces per ton (“opt”) silver within a 49.5 foot thick broader zone of mineralization which assayed 13.6% zinc, 8.04% lead, 0.11% copper and 4.79 opt silver.

HDS-362 is an angle hole drilled southwest from the patented claim block to extend the mineralization beyond the current resource boundary to the southwest. The drill hole encountered 11 distinct mineralized intervals including a 171 foot intercept grading 4.97% zinc, 3.61% lead, 0.04% copper and 1.12 opt silver. Included in this intersection were two significant higher grade intervals including a 24.5 foot interval which assayed 11.63% zinc, 8.04% lead, 0.07% copper and 2.37 opt Ag, and a 9.5 foot interval assaying 11.59% zinc, 9.28% lead, 0.07% copper and 2.88 opt silver.

Arizona Mining CEO Jim Gowans commented, “We continue to be excited about the expansion potential highlighted both to the northwest and southwest as confirmed by HDS-354 and HDS-362. We continue our drilling program to test the limits of the mineralization and based on our success to date, we are in the process of increasing the number of drill rigs on the property from the current 10 core rigs to 15.”

**Table I. Assay summaries for HDS-354 & HDS-362**

DH ID		From (feet)	To (feet)	Interval (in feet)	From (meters)	To (meters)	Interval (meters)	Ag opt	Pb%	Zn%	Cu%	Ore Zone
HDS-354		985	1030	45	300.2	313.9	13.7	5.19	2.34	3.76	0.23	CRD
HDS-354	Including	990	1004	14	301.7	306.0	4.3	12.51	5.10	8.26	0.58	CRD
HDS-354		1310.5	1360	49.5	399.4	414.5	15.1	4.79	8.04	13.63	0.11	CRD
HDS-354	Including	1330	1354.5	24.5	405.4	412.8	7.5	7.32	13.51	23.13	0.10	CRD
HDS-354		1491.5	1496	4.5	454.6	456.0	1.4	7.06	10.80	17.35	0.06	CRD
HDS-354		3226	3231.5	5.5	983.2	984.9	1.7	18.23	4.78	3.79	0.36	CRD
HDS-354		3805.5	3951.5	146	1159.9	1204.4	44.5	1.93	1.74	0.96	0.08	CRD
HDS-354	Including	3890.5	3895	4.5	1185.8	1187.1	1.4	15.14	2.99	0.02	0.01	CRD
HDS-354	Including	3915.5	3929	13.5	1193.4	1197.5	4.1	2.93	6.19	2.44	0.02	CRD
HDS-362		1803	1878	75	549.5	572.4	22.9	2.23	6.30	4.10	0.07	CRD
HDS-362		1903	1927	24	580.0	587.3	7.3	2.78	8.42	11.57	0.29	CRD
HDS-362		1968	1987	19	599.8	605.6	5.8	1.32	4.17	5.60	0.04	CRD
HDS-362		2057.5	2068	10.5	627.1	630.3	3.2	0.97	2.76	2.97	0.01	CRD
HDS-362		2143	2170	27	653.2	661.4	8.2	1.17	1.05	0.69	0.18	CRD
HDS-362		2257	2265.5	8.5	687.9	690.5	2.6	1.05	2.89	3.10	0.09	CRD
HDS-362		2290.5	2461.5	171	698.1	750.2	52.1	1.12	3.61	4.97	0.04	CRD
HDS-362	Including	2290.5	2326.5	36	698.1	709.1	11.0	1.66	5.19	7.19	0.08	CRD
HDS-362	Including	2357	2381.5	24.5	718.4	725.8	7.5	2.37	8.04	11.63	0.07	CRD
HDS-362	Including	2416.5	2432	15.5	736.5	741.2	4.7	2.03	6.45	8.41	0.04	CRD
HDS-362	Including	2452	2461.5	9.5	747.3	750.2	2.9	2.88	9.28	11.59	0.07	CRD
HDS-362		2506.5	2513	6.5	763.9	765.9	2.0	1.62	5.11	4.55	0.17	CRD
HDS-362		2552	2606	54	777.8	794.3	16.5	0.84	2.58	1.97	0.01	CRD
HDS-362		3076	3109	33	937.5	947.6	10.1	4.56	10.92	0.90	0.05	CRD
HDS-362	Including	3079	3092	13	938.4	942.4	4.0	10.43	25.34	1.92	0.10	CRD
HDS-362		3146	3186.5	40.5	958.9	971.2	12.3	2.02	3.88	4.77	0.05	CRD
HDS-362	Including	3146	3161.5	15.5	958.9	963.6	4.7	4.58	8.78	10.25	0.11	CRD

(Drill intersections with combined Zinc and Lead of >9% are 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 CIM definitions for mineral resources. 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.

For additional information please contact:

**Susan Muir**

Vice-President, Investor Relations & Corporate Communications

Telephone: 416-505-7606

Email: [smuir@arizonamining.com](mailto:smuir@arizonamining.com)

**Donald Taylor**

Chief Operator Officer

Telephone: 520-4851300

Email: [info@arizonamining.com](mailto:info@arizonamining.com)

### **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.

DRILL LOCATION MAP

