

# Arizona Mining Reports Significant Step-Out Holes Targeting the Up-Dip Extent of Taylor Deep Zone

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## Results Include 67 Foot Interval Assaying 20.5% Zinc, 18.1% Lead and 7.5 opt Silver and 43 Foot Interval Assaying 11.4% Zinc, 18.6% Lead and 12.3 opt

VANCOUVER, June 20, 2017 - [Arizona Mining Inc.](#) (TSX: AZ) ("Arizona Mining" or the "Company") announces the results of seven exploration holes from the current drill program targeting the expansion of the Taylor Deep Zone and definition of the Trench Vein System located on its 100%-owned Hermosa Project in Santa Cruz County, Arizona. The drill holes highlighted in this release are step-out exploration holes targeting expansion of the Taylor Deep zinc-lead-silver sulfide zone and the Trench Vein System, a series of steeply dipping veins which extend across the property in a northeast/southwest direction.

The results from HDS-446 and HDS-447, coupled with the results from HDS-435 (1500 foot step-out hole -- see Press Release dated April 20, 2017), indicate this up-dip area of the Taylor Deep Zone will have a significant impact on the overall grade of the zone and mine plan for the deposit. The latest drill results continue to indicate the size potential and robust grade of the expanded Taylor Deep Zone as it continues to grow to the southeast. In addition to expanding the Taylor Deep Zone, HDS-446 and HDS-447 were successful in expanding the Epitaph-hosted mineralization approximately 1,000 feet to the southeast from the previously modelled resource (see Figure 3).

Drill holes targeting the Trench Vein System have encountered mixed results. As expected, the vein swarms pinch and swell along strike, however the drilling has encountered some significant mineralization, especially with respect to silver.

COO Don Taylor commented: "The drill results from HDS-446 and HDS-447, coupled with those from HDS-435, clearly indicate the enormous size potential for the Taylor Deep Zone. In addition to the size potential of the Deep, the silver grades intersected to date are 3 to 4 times higher than the average for the deposit. We continue to add drill resources to this area to accelerate its definition as the results could have a very significant impact on our mine plan in the early years of development."

HDS-446 is a vertical drill hole targeting the extension of the previously reported Taylor Deep mineral resource and the recently reported intercepts reported from HDS-435. The drill hole encountered a thin interval of Taylor Sulfide mineralization and a very significant mineralized horizon in the Taylor Deep Sulfide Zone. Most notable among the mineralized horizons is:

- 67 feet assaying 20.5% zinc; 18.1% lead; and 7.5 ounces per ton ("opt") silver (Taylor Deep Zone - "TDS")

HDS-447 is a vertical drill hole located between HDS-446 and HDS-435 (see Figure 2 and Figure 3). HDS-447 intersected three veins; two Taylor Sulfide intervals and a very robust mineralized sulfide interval in the Taylor Deep Zone. The mineralization in HDS-447 included:

- 149 feet assaying 4.7% zinc; 6.2% lead; and 4.3 opt silver (TDS)
  - Including a 43 foot zone which assayed 11.4% zinc; 18.6% lead; and 12.3 opt silver
- 61 feet assaying 2.4% zinc; 1.8% lead; and 2.0 opt silver (TS)

For a full list of the Trench Vein, Taylor Sulfide and Taylor Deep Sulfide mineralized intervals from these holes please refer to Table I.

Table I. ASSAY SUMMARIES FOR HDS-410, HDS-412, HDS-420, HDS-444, HDS-446, HDS-447 & HDS-451

DH_ID	From (feet)	To (feet)	Interval (in feet)	From (meters)	To (meters)	Interval (meters)	Ag opt	Pb%	Zn%	Cu%	Zone
HDS-410	3301	3317	16	1006.1	1011.0	4.9	27.82	6.25	0.75	1.55	TVS
HDS-410	4244	4253.5	9.5	1293.5	1296.4	2.9	1.29	2.32	1.03	0.59	TVS
HDS-412	671	683	12	204.5	208.2	3.7	2.88	1.38	2.38	0.09	TVS
HDS-412	722.5	746.5	24	220.2	227.5	7.3	2.61	3.10	5.42	0.02	TVS
HDS-412	824	829	5	251.1	252.7	1.5	6.15	1.65	5.56	0.23	TVS
HDS-412	929	950	21	283.1	289.5	6.4	6.06	1.67	3.89	0.37	TVS
HDS-412	3504	3511	7	1068.0	1070.1	2.1	8.69	2.59	0.07	0.04	TVS
HDS-420	1157	1167	10	352.6	355.7	3.0	1.10	0.92	2.14	0.13	TVS
HDS-420	1472	1526.5	54.5	448.6	465.3	16.6	1.91	0.91	2.03	0.10	TVS
HDS-420	2276.5	2291.5	15	693.8	698.4	4.6	1.40	2.49	3.12	0.40	TS
HDS-420	2911.5	2931	19.5	887.4	893.3	5.9	0.91	2.42	4.11	0.01	TS
HDS-444	612	622	10	186.6	189.6	3.0	1.82	0.69	1.95	0.07	TVS
HDS-444	772	780	8	235.4	237.8	2.4	1.18	2.29	2.92	0.07	TVS
HDS-444	1202	1217	15	366.5	371.0	4.6	2.04	0.57	0.70	0.09	TVS
HDS-444	2267	2351	84	691.2	716.8	25.6	0.44	0.65	1.42	0.04	TVS
HDS-444	2592	2602	10	790.2	793.3	3.0	7.98	1.23	2.53	0.55	TVS
HDS-444	2635	2656	21	803.4	809.8	6.4	2.00	2.05	1.53	0.18	TVS
HDS-446	2393	2455	62	729.4	748.2	18.9	1.58	2.05	2.89	0.26	TS
HDS-446	2656	2661	5	809.5	811.0	1.5	4.35	11.10	10.45	0.10	TS
HDS-446	2701	2768	67	823.2	843.6	20.4	7.48	18.09	20.46	1.25	TDS
HDS-447	470	485	15	143.2	147.8	4.6	2.13	1.54	0.07	0.08	TVS
HDS-447	520	545	25	158.5	166.1	7.6	2.83	0.16	0.02	0.01	TVS
HDS-447	2152	2213	61	655.9	674.5	18.6	1.97	1.80	2.35	0.10	TS
HDS-447	2237	2247	10	681.8	684.9	3.0	3.54	6.14	3.12	0.07	TS
HDS-447	2307	2456	149	703.1	748.6	45.4	4.29	6.21	4.66	0.11	TDS
Including	2307	2350	43	703.1	716.2	13.1	12.33	18.59	11.42	0.33	TDS
HDS-447	2683	2688	5	817.7	819.3	1.5	14.00	5.44	13.35	1.29	TVS
HDS-451	456	460	4	139.0	140.2	1.2	9.28	1.32	2.82	0.04	TVS
HDS-451	889.5	893.5	4	271.1	272.3	1.2	1.90	1.23	4.61	0.02	TVS
HDS-451	1135	1192	57	345.9	363.3	17.4	0.34	0.47	1.18	0.00	TVS

Drill intersections with a combined zinc and lead grade of greater than 9% are bolded. Sulfide drill intervals from the Taylor Sulfide Zone and Taylor Deep Sulfide Zone are down-the-hole drill intervals but are considered to be within +5% of true width based on the dip of the mineralized stratigraphy at 20-25 degrees. The exception to this are the intervals noted as veins. It is not possible to determine the true width of the veins based on the drill density and no representation is made here regarding true width of the veins. Zones shown include; Taylor Sulfide Zone (TS); Taylor Deep Sulfide Zone (TDS) and Trench Vein System (TVS).

#### Qualified Person

The results of the [Arizona Mining Inc.](#) drilling 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 trigger 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.](#) (an augustagroup company) 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 zinc-lead-silver carbonate replacement deposit, has a resource of 8.6 million tons in the Measured Mineral Resource category grading 4.2% zinc, 4.0% lead and 1.6 opt silver, or 9.7% ZnEq, plus 63.8 million tons in the Indicated Mineral Resource category grading 4.5% zinc, 4.4% lead and 1.9 opt silver, or 10.6% ZnEq, and 38.6 million tons of Inferred Mineral Resources grading 4.4% zinc, 4.2% lead and 3.1 opt silver or 11.6% ZnEq, all reported in accordance with NI 43-101 guidelines utilizing a 4% ZnEq cutoff grade. A preliminary economic assessment was completed in April, 2017 which showed a 42% IRR, a US\$1.26 billion NPV<sub>8%</sub> and a 1.7 year payback based on long term metal price assumptions of \$1.10/lb zinc, \$1.00/lb lead and \$20/oz silver. 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's other project on the Hermosa property is the Central Deposit, a silver-manganese manto oxide project.

#### *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, including, without limitation, performing additional drilling, a resource update, permitting and a feasibility study 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, 2016 ("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

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