

# Arizona Mining Significantly Expands Taylor Sulfide and Taylor Deeps Zones

24.10.2017 | [GlobeNewswire](#)

- 367 FEET ASSAYING 15.2% ZINC-LEAD AND 5.0 OPT SILVER
  - Including 213 feet assaying 21.3% zinc-lead and 7.3 opt silver
- 360 FEET ASSAYING 10.0% ZINC-LEAD AND 1.7 OPT SILVER
  - Including 119 feet assaying 21.3% zinc-lead and 3.5 opt silver
- 41 FEET ASSAYING 22.2% ZINC-LEAD AND 6.1 OPT SILVER
- 72 FEET ASSAYING 12.8% ZINC-LEAD AND 11.9 OPT SILVER

VANCOUVER, British Columbia, Oct. 24, 2017 (GLOBE NEWSWIRE) -- [Arizona Mining Inc.](#) (TSX:AZ) ("Arizona Mining" or the "Company") announces strong results for two exploration holes from the current drill program focused on expansion of the Taylor Sulfide Zone ("TS") and Taylor Deeps Zone ("TDS") located on its 100%-owned Hermosa Project in Santa Cruz County, Arizona. The drill holes highlighted in this release are successful step out exploration drill holes highlighting the continued potential for resource growth and increased grades, as distinct from the Preliminary Economic Assessment ("PEA") (see Press Release dated April 3, 2017).

Figure 1. Drill Hole Location Map

Figure 2. Plan View of Taylor Deeps with ZnEq Grade Contour

Figure 3. Long Section of Hermosa Geology and Ore Deposits

"Drill holes HDS-474 and 477 significantly expand the Taylor Sulfide and Taylor Deeps zones and indicate overall higher zinc, lead and silver grades than the average grade of the PEA," said Chief Operating Officer Don Taylor. "These drill holes north of the Hardshell claim block clearly open up new possibilities for continued expansion of both zones."

HDS-477 is an angle drill hole (azimuth 330 degrees; -84 degrees inclination) located in the northeast corner of the Hardshell claim block (see Figures 1, 2 and 3). The drill hole successfully targeted the northern extension of both the Taylor Sulfide and Taylor Deeps mineralization. HDS-477 intersected three significant mineralized horizons in the Taylor Sulfide Zone with a cumulative thickness of 136.5 feet (for individual intervals see Table I). Notably, drilling also intersected a 366.5-foot thick interval of high grade zinc-lead-silver mineralization in the Taylor Deeps Zone 300 feet further north than any previously reported drilling in this area, and approximately 1,000 feet east of the PEA resource outline. Most notable of the results from HDS-477 are:

- 59 feet assaying 5.2% zinc; 3.3% lead; and 4.1 ounces per ton ("opt") silver (TS)
- 366.5 feet assaying 7.5% zinc; 7.7% lead; and 5.0 opt silver (TDS)
  - Including 212.5 feet assaying 10.2% zinc; 11.1% lead; and 7.3 opt silver (TDS)

HDS-474 is an angle drill hole (azimuth 053 degrees; -82 degrees inclination) located in the northwest corner of the Hardshell claim block (see Figures 1, 2 and 3). The hole targeted the Taylor Sulfide and Taylor Deeps zones north of previously reported drilling. HDS-474 intersected an interval of vein-hosted mineralization in the overlying volcanics, a 360-foot interval of continuous mineralization in the Taylor Sulfide Zone, and two

significant mineralized horizons in the Taylor Deeps Zone. Notable assays include:

- 360 feet assaying 5.0% zinc; 5.0% lead; and 1.7 opt silver (TS)
  - Including 119 feet assaying 10.4% zinc; 10.9% lead; and 3.5 opt silver (TS)
- 41 feet assaying 7.2% zinc; 15.0% lead; and 6.1 opt silver (TDS)
- 72 feet assaying 7.7% zinc; 5.1% lead; and 11.9 opt silver (TDS)

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

Table I. Drill Hole Assay Summary

<i>DH_ID</i>	<i>From (feet)</i>	<i>To (feet)</i>	<i>Interval (in feet)</i>	<i>From (meters)</i>	<i>To (meters)</i>	<i>Interval (meters)</i>	<i>Ag opt</i>	<i>Pb%</i>	<i>Zn%</i>	<i>Cu%</i>
HDS-474 686	691.5	5.5	209.1	210.8	1.7	6.46	6.57	3.36	0.38	
HDS-474 2357	2717	360	718.4	828.1	109.7	1.65	4.98	5.01	0.07	
Including 2447	2566	119	745.8	782.1	36.3	3.50	10.87	10.38	0.13	
HDS-474 2931	2972	41	893.3	905.8	12.5	6.09	14.97	7.23	0.25	
HDS-474 3103	3175	72	945.7	967.7	21.9	11.94	5.08	7.72	0.94	
HDS-477 2303	2362	59	701.9	719.9	18.0	4.14	3.29	5.17	0.28	
HDS-477 2402	2422.5	20.5	732.1	738.3	6.2	2.24	2.15	2.80	0.13	
HDS-477 2474	2531	57	754.0	771.4	17.4	1.32	2.03	2.82	0.22	
HDS-477 2586.5	2953	366.5	788.3	900.0	111.7	4.99	7.70	7.51	0.19	
Including 2737	2949.5	212.5	834.2	899.0	64.8	7.34	11.07	10.18	0.26	

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 Deeps Sulfide Zone are down-the-hole drill intervals. Vertical drill holes are considered to be within +5% of true width based on the dip of the mineralized stratigraphy at 20-25 degrees. Angle drill holes are considered to be within +15% 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 Deeps Sulfide Zone (TDS) and Trench Vein System (TVS).

Photos accompanying this announcement are available at

<http://www.globenewswire.com/NewsRoom/AttachmentNg/7e9e1ae6-2421-4606-a31d-c635cde0498d>

<http://www.globenewswire.com/NewsRoom/AttachmentNg/6c4b2e1b-7e12-40a6-aa60-dea5ec0b3662>

<http://www.globenewswire.com/NewsRoom/AttachmentNg/1f23f1d7-417a-4f89-8e91-622a0f94141e>

#### 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 30 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 re-run using four acid digestion with an ICP &ndash; 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 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. 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.

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#### *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.

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Die URL für diesen Artikel lautet:

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