## NEWS RELEASE

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Trading Symbols:
AMM :TSX, AAU : NYSE MKT
www.almadenminerals.com

## ALMADEN HITS 33.78 METERS OF 4.4 G/T AUEQ AT IXTACA, MEXICO

Almaden Minerals Ltd. ("Almaden" or "the Company"; AMM: TSX; AAU: NYSE MKT) is pleased to announce the results from Almaden's ongoing 2013 Ixtaca Zone drill program at the Company's 100\% owned Tuligtic project, Mexico. The 2013 drill program to date has been focussed on expanding the known resource immediately along strike to known mineralisation, adjacent to the current resource shell and within what is considered a potential pit shell. Highlights from the holes released today include the following intercepts (a more complete list of intercepts is shown in the table below):

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Hole TU-13-287 CHEMALACO ZONE
25.50 meters @ 0.66 g/t gold and 102.3 g/t silver (2.7 g/t gold equivalent)
    Including 2.08 meters @ 4.35 g/t gold and 975.0 g/t silver (23.9 g/t gold equivalent)
\begin{tabular}{|c|c|}
\hline Hole TU-13-289 & CHEMALACO ZONE \\
\hline \multicolumn{2}{|l|}{19.00 meters @ \(0.22 \mathrm{~g} / \mathrm{t}\) gold and \(48.4 \mathrm{~g} / \mathrm{t}\) silver ( \(1.2 \mathrm{~g} / \mathrm{t}\) gold equivalent)} \\
\hline Including & 7.30 meters @ \(0.40 \mathrm{~g} / \mathrm{t}\) gold and \(82.8 \mathrm{~g} / \mathrm{t}\) silver ( \(2.1 \mathrm{~g} / \mathrm{t}\) gold equivalent) \\
\hline Hole TU-13-291 & CHEMALACO ZONE \\
\hline \multicolumn{2}{|l|}{53.52 meters @ \(0.56 \mathrm{~g} / \mathrm{t}\) gold and \(82.3 \mathrm{~g} / \mathrm{t}\) silver ( \(2.2 \mathrm{~g} / \mathrm{t}\) gold equivalent)} \\
\hline Including & 6.10 meters @ \(0.86 \mathrm{~g} / \mathrm{t}\) gold and \(313.5 \mathrm{~g} / \mathrm{t}\) silver ( \(7.1 \mathrm{~g} / \mathrm{t}\) gold equivalent) \\
\hline Hole TU-13-294 & CHEMALACO ZONE \\
\hline \multicolumn{2}{|l|}{90.75 meters @ \(0.35 \mathrm{~g} / \mathrm{t}\) gold and \(31.1 \mathrm{~g} / \mathrm{t}\) silver ( \(1.0 \mathrm{~g} / \mathrm{t}\) gold equivalent)} \\
\hline Including & 24.36 meters @ \(0.67 \mathrm{~g} / \mathrm{t}\) gold and \(71.9 \mathrm{~g} / \mathrm{t}\) silver ( \(2.1 \mathrm{~g} / \mathrm{t}\) gold equivalent) \\
\hline Hole TU-13-295 & CHEMALACO ZONE \\
\hline \multicolumn{2}{|l|}{98.00 meters @ \(0.24 \mathrm{~g} / \mathrm{t}\) gold and \(41.4 \mathrm{~g} / \mathrm{t}\) silver ( \(1.1 \mathrm{~g} / \mathrm{t}\) gold equivalent)} \\
\hline Including & 22.65 meters @ \(0.44 \mathrm{~g} / \mathrm{t}\) gold and \(103.2 \mathrm{~g} / \mathrm{t}\) silver ( \(2.5 \mathrm{~g} / \mathrm{t}\) gold equivalent) \\
\hline 33.78 meters @ 0 & t gold and \(208.4 \mathrm{~g} / \mathrm{t}\) silver ( \(4.4 \mathrm{~g} / \mathrm{t}\) gold equivalent) \\
\hline
\end{tabular}
Hole TU-13-307 CHEMALACO ZONE
126.18 meters @ 0.33 g/t gold and 35.3 g/t silver (1.0 g/t gold equivalent)
    Including 13.50 meters @ 0.86 g/t gold and 92.4 g/t silver (2.7 g/t gold equivalent)
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Below is a plan map and relevant sections which will be posted to the Company's website (www.almadenminerals.com).

## About the Ixtaca Property

The $100 \%$ owned Ixtaca zone is a blind discovery made by the Company in 2010. The Main Ixtaca and Ixtaca North Zones of veining are interpreted to have a north-easterly trend. Holes to date suggest that the Main Ixtaca and Ixtaca North Zones are sub vertical with local variations. This interpretation suggests that true widths range from approximately $35 \%$ of intersected widths for a -70 degree hole to $94 \%$ of intersected widths for a -20 degree hole. The drilling completed to date has traced mineralisation over 1,000 meters along this northeast trend. Based upon observations at surface and of core as drilling progresses, there seems to be a variety of veinlet orientations within the Chemalaco Zone however overall the zone is currently interpreted to be dipping to the west and striking roughly north-south.

| Hole \# | From (m) | To (m) | Interval (m) | $\mathrm{Au}(\mathrm{g} / \mathrm{t})$ | $\mathrm{Ag}(\mathrm{g} / \mathrm{t})$ | AuEq (g/t) | AgEq (g/t) | SECTION |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TU-13-287 | 106.00 | 131.00 | 25.00 | 0.11 | 15.2 | 0.4 | 21 | 50050N |
| including | 122.00 | 125.00 | 3.00 | 0.30 | 50.3 | 1.3 | 65 |  |
| TU-13-287 | 156.50 | 182.00 | 25.50 | 0.66 | 102.3 | 2.7 | 135 |  |
| including | 168.00 | 170.08 | 2.08 | 4.35 | 975.0 | 23.9 | 1193 |  |
| TU-13-289 | 134.00 | 153.00 | 19.00 | 0.22 | 48.4 | 1.2 | 59 | 50050N |
| including | 144.50 | 151.80 | 7.30 | 0.40 | 82.8 | 2.1 | 103 |  |
| TU-13-289 | 160.00 | 188.00 | 28.00 | 0.21 | 10.8 | 0.4 | 22 |  |
| TU-13-290 | 73.00 | 79.00 | 6.00 | 0.22 | 0.0 | 0.2 | 11 | 10350E |
| TU-13-291 | 46.45 | 99.97 | 53.52 | 0.56 | 82.3 | 2.2 | 110 | 50150N |
| including | 54.25 | 60.35 | 6.10 | 0.86 | 313.5 | 7.1 | 357 |  |
| TU-13-291 | 151.00 | 167.00 | 16.00 | 0.13 | 18.9 | 0.5 | 25 |  |
| TU-13-292 | 271.00 | 275.00 | 4.00 | 0.05 | 11.8 | 0.3 | 15 |  |
| TU-13-292 | 303.50 | 305.50 | 2.00 | 0.12 | 54.9 | 1.2 | 61 |  |
| TU-13-292 | 337.50 | 340.50 | 3.00 | 0.04 | 12.9 | 0.3 | 15 |  |
| TU-13-293 | 75.59 | 87.78 | 12.19 | 0.36 | 7.6 | 0.5 | 26 | 50150N |
| TU-13-294 | 56.00 | 146.75 | 90.75 | 0.35 | 31.1 | 1.0 | 49 | 50150N |
| including | 100.00 | 124.36 | 24.36 | 0.67 | 71.9 | 2.1 | 105 |  |
| TU-13-295 | 63.40 | 76.00 | 12.60 | 0.16 | 18.0 | 0.5 | 26 | 50150N |
| TU-13-295 | 101.00 | 111.00 | 10.00 | 0.20 | 4.0 | 0.3 | 14 |  |
| TU-13-295 | 143.00 | 241.00 | 98.00 | 0.24 | 41.4 | 1.1 | 53 |  |
| including | 168.70 | 171.20 | 2.50 | 0.94 | 121.8 | 3.4 | 169 |  |
| including | 193.00 | 196.50 | 3.50 | 0.48 | 152.0 | 3.5 | 176 |  |
| including | 212.00 | 234.65 | 22.65 | 0.44 | 103.2 | 2.5 | 125 |  |
| including | 225.05 | 232.30 | 7.25 | 0.64 | 183.4 | 4.3 | 215 |  |
| TU-13-295 | 257.00 | 290.78 | 33.78 | 0.23 | 208.4 | 4.4 | 220 |  |
| including | 277.00 | 279.80 | 2.80 | 0.62 | 2291.1 | 46.4 | 2322 |  |
| TU-13-296 | 62.70 | 200.56 | 137.86 | 0.43 | 21.4 | 0.9 | 43 | 50150N |
| including | 81.69 | 118.20 | 36.51 | 0.83 | 31.3 | 1.5 | 73 |  |
| including | 136.00 | 148.74 | 12.74 | 0.56 | 55.6 | 1.7 | 84 |  |
| TU-13-298 | 117.00 | 127.00 | 10.00 | 0.05 | 8.6 | 0.2 | 11 | 50150N |
| TU-13-298 | 145.00 | 157.00 | 12.00 | 0.09 | 30.8 | 0.7 | 35 |  |
| including | 151.00 | 153.00 | 2.00 | 0.13 | 148.1 | 3.1 | 155 |  |
| TU-13-298 | 179.00 | 183.00 | 4.00 | 0.05 | 11.3 | 0.3 | 14 |  |
| TU-13-298 | 193.00 | 218.00 | 25.00 | 0.29 | 9.5 | 0.5 | 24 |  |
| including | 211.00 | 212.50 | 1.50 | 1.06 | 19.7 | 1.5 | 73 |  |
| TU-13-299 | 45.11 | 51.00 | 5.89 | 0.29 | 12.1 | 0.5 | 26 | 50200N |
| TU-13-299 | 87.00 | 90.00 | 3.00 | 0.19 | 6.5 | 0.3 | 16 |  |
| TU-13-299 | 100.00 | 124.00 | 24.00 | 0.33 | 19.5 | 0.7 | 36 |  |
| including | 111.50 | 113.00 | 1.50 | 0.25 | 52.1 | 1.3 | 65 |  |
| TU-13-302 | 66.45 | 170.08 | 103.63 | 0.29 | 14.4 | 0.6 | 29 | 50200N |
| including | 103.00 | 125.00 | 22.00 | 0.83 | 35.9 | 1.5 | 78 |  |
| TU-13-304 | 78.54 | 96.93 | 18.39 | 0.47 | 34.7 | 1.2 | 58 | 50200N |
| TU-13-305 | 20.73 | 29.00 | 8.27 | 0.15 | 5.9 | 0.3 | 13 | 50200N |
| TU-13-305 | 43.66 | 51.06 | 7.40 | 0.41 | 8.7 | 0.6 | 29 |  |
| TU-13-307 | 57.50 | 238.00 | 180.50 | 0.31 | 20.1 | 0.7 | 36 | 50200N |
| including | 60.50 | 75.50 | 15.00 | 0.53 | 34.1 | 1.2 | 61 |  |
| including | 143.50 | 152.70 | 9.20 | 0.48 | 27.3 | 1.0 | 51 |  |
| including | 164.00 | 166.00 | 2.00 | 0.41 | 186.7 | 4.1 | 207 |  |
| including | 227.50 | 237.00 | 9.50 | 0.60 | 54.2 | 1.7 | 84 |  |
| TU-13-307 | 247.50 | 253.70 | 6.20 | 0.27 | 10.3 | 0.5 | 24 |  |
| TU-13-307 | 272.50 | 398.68 | 126.18 | 0.33 | 35.3 | 1.0 | 52 |  |
| including | 272.50 | 273.50 | 1.00 | 1.38 | 370.5 | 8.8 | 439 |  |
| including | 296.50 | 310.00 | 13.50 | 0.86 | 92.4 | 2.7 | 135 |  |
| including | 304.50 | 310.00 | 5.50 | 1.56 | 171.9 | 5.0 | 250 |  |
| including | 317.50 | 321.00 | 3.50 | 0.28 | 83.9 | 2.0 | 98 |  |
| including | 330.00 | 342.60 | 12.60 | 0.45 | 62.5 | 1.7 | 85 |  |
| including | 358.00 | 370.00 | 12.00 | 0.38 | 45.2 | 1.3 | 64 |  |

Mr. Norm Dircks, P.Geo., a qualified person ("QP") under the meaning of $\mathrm{NI} 43-101$, is the QP and project manager of Almaden's Ixtaca program and reviewed the technical information in this news release. The analyses reported were carried out at ALS Chemex Laboratories of North Vancouver using industry standard analytical techniques. For gold, samples are first analysed by fire assay and atomic absorption spectroscopy ("AAS"). Samples that return values greater than $10 \mathrm{~g} / \mathrm{t}$ gold using this technique are then re-analysed by fire assay but with a gravimetric finish. Silver is first analysed by Inductively Coupled Plasma - Atomic Emission Spectroscopy ("ICP-AES"). Samples that return values greater than $100 \mathrm{~g} / \mathrm{t}$ silver by ICP-AES are then re analysed by $\mathrm{HF}-\mathrm{HNO}_{3}-\mathrm{HCLO}_{4}$ digestion with HCL leach and ICP-AES finish. Of these samples those that return silver values greater than $1,500 \mathrm{~g} / \mathrm{t}$ are further analysed by fire assay with a gravimetric finish.

Blanks, field duplicates and certified standards were inserted into the sample stream as part of Almaden's quality assurance and control program which complies with National Instrument 43-101 requirements. Gold equivalent ("AuEq" or "Gold Eq.") and silver equivalent ("AgEq" or "Silver Eq.") values were calculated using silver to gold ratios of 50 to 1 . The ratio of 50 to 1 was used for the sake of consistency with past news releases. Intervals that returned assays below detection were assigned zero values. Metallurgical recoveries and net smelter returns are assumed to be $100 \%$ for these calculations.

## About Almaden

Almaden is a well-financed mineral exploration company working in North America. The company has assembled mineral exploration projects, including the Ixtaca Zone and the Tuligtic project, through its grass roots exploration efforts. While the properties are largely at early stages of development they represent exciting opportunities for the discovery of significant gold, silver and copper deposits as evidenced at Ixtaca. Almaden's business model is to find and acquire mineral properties and develop them by seeking option agreements with others who can acquire an interest in a project by making payments and exploration expenditures. Through this means the company has been able to expose its shareholders to discovery and capital gain without the funding and consequent share dilution that would be required if the company were to have developed these projects without a partner. The company intends to expand this business model, described by some as prospect generation, by more aggressively exploring several of its projects including the Ixtaca Zone.

## On Behalf of the Board of Directors

"Morgan Poliquin"<br>Morgan J. Poliquin, Ph.D., P.Eng.<br>President, CEO and Director<br>Almaden Minerals Ltd.

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