

NEWS RELEASE**September 23rd, 2013**

Trading Symbols:

AMM :TSX, AAU : NYSE MKT

www.almadenminerals.com

**ALMADEN INFILL DRILLING CONFIRMS HIGH-GRADE NORTHERN MAIN ZONE,
HITS 18.25 METERS OF 5.68 G/T AU, 923.8 G/T AG (24.2 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. Almaden has commenced an infill drilling program with two of the three rigs currently drilling on the project. The infill program has been designed to upgrade resources currently in the inferred category to the higher confidence measured and indicated categories. At the same time one drill rig is focussed on step out drilling to expand the resource. The holes announced today show the continuity of high-grade gold silver veining in the Northern Branch of the Main Ixtaca high grade zone defined with previous drilling. Highlights from the holes released today include the following intercepts (a more complete list of intercepts is shown in the table below):

Hole TU-13-306 NORTHERN MAIN ZONE

89.50 meters @ 1.34 g/t gold and 33.9 g/t silver (2.0 g/t gold equivalent)

Including 6.00 meters @ 12.04 g/t gold and 30.4 g/t silver (12.6 g/t gold equivalent)

Hole TU-13-309 NORTHERN MAIN ZONE

41.20 meters @ 2.84 g/t gold and 429.2 g/t silver (11.4 g/t gold equivalent)

Including 18.25 meters @ 5.68 g/t gold and 923.8 g/t silver (24.2 g/t gold equivalent)

Hole TU-13-313 NORTHERN MAIN ZONE

5.50 meters @ 4.38 g/t gold and 317.9 g/t silver (10.7 g/t gold equivalent)

Hole TU-13-316 NORTHERN MAIN ZONE

33.50 meters @ 1.72 g/t gold and 80.0 g/t silver (3.3 g/t gold equivalent)

Including 17.00 meters @ 2.20 g/t gold and 96.9 g/t silver (4.1 g/t gold equivalent)

J.D. Poliquin, chairman of Almaden stated, “Today’s holes show the continuity of high-grade mineralisation in the main part of the deposit. The infill drilling program underway was designed to upgrade the confidence of our resource base. It also provides an opportunity to remind our shareholders that the Ixtaca zone of veining is cored by several well defined and intensely mineralised high grade gold silver zones that have good continuity along strike.”

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 Northeast Extension 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)	Au (g/t)	Ag (g/t)	AuEq (g/t)	AgEq (g/t)	SECTION
TU-13-306	33.53	45.50	11.97	0.61	33.7	1.3	64	10625E
including	33.53	37.90	4.37	1.50	80.9	3.1	156	
including	33.53	35.80	2.27	2.50	127.0	5.0	252	
TU-13-306	55.20	65.30	10.10	0.28	55.3	1.4	69	
including	55.20	56.40	1.20	0.93	241.5	5.8	288	
including	64.00	65.30	1.30	1.11	181.4	4.7	237	
TU-13-306	106.00	195.50	89.50	1.34	33.9	2.0	101	
including	112.00	118.00	6.00	12.04	30.4	12.6	632	
including	112.00	114.00	2.00	30.10	49.1	31.1	1554	
including	129.50	141.70	12.20	0.57	44.9	1.5	74	
including	160.75	164.10	3.35	6.08	277.1	11.6	581	
including	174.00	185.50	11.50	0.93	76.2	2.4	123	
TU-13-309	92.00	109.00	17.00	0.12	12.8	0.4	19	
TU-13-309	121.00	127.50	6.50	0.17	21.8	0.6	30	
TU-13-309	139.60	151.00	11.40	0.36	38.7	1.1	57	
including	146.50	148.00	1.50	0.62	93.6	2.5	125	
TU-13-309	173.50	214.70	41.20	2.84	429.2	11.4	571	
including	181.00	199.25	18.25	5.68	923.8	24.2	1208	
TU-13-309	222.00	236.00	14.00	1.72	114.5	4.0	200	
including	222.00	224.50	2.50	5.69	342.5	12.5	627	
including	229.20	234.50	5.30	1.73	128.0	4.3	215	
TU-13-309	247.50	259.00	11.50	0.64	13.7	0.9	45	
including	251.00	253.25	2.25	1.18	23.9	1.7	83	
TU-13-313	66.50	72.00	5.50	4.38	317.9	10.7	537	10575E
including	66.50	67.55	1.05	6.53	236.6	11.3	563	
including	70.00	71.20	1.20	13.70	1208.5	37.9	1894	
TU-13-313	157.50	170.00	12.50	0.22	22.4	0.7	34	
including	186.00	192.00	6.00	0.16	9.8	0.4	18	
TU-13-316	100.80	103.20	2.40	0.25	40.4	1.1	53	
TU-13-316	130.00	163.50	33.50	1.72	80.0	3.3	166	
including	133.50	150.50	17.00	2.20	96.9	4.1	207	
including	137.50	142.50	5.00	3.15	137.5	5.9	295	
including	149.00	150.50	1.50	4.95	340.1	11.8	588	
including	155.00	163.50	8.50	1.68	112.2	3.9	196	
TU-13-316	226.50	254.00	27.50	0.23	30.3	0.8	42	
including	246.00	249.00	3.00	1.07	138.8	3.8	192	

Mr. Norm Dircks, P.Geo., a qualified person ("QP") under the meaning of 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 g/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 g/t silver by ICP-AES are then re-analysed by HF-HNO₃-HClO₄ digestion with HCL leach and ICP-AES finish. Of these samples those that return silver values greater than 1,500 g/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.

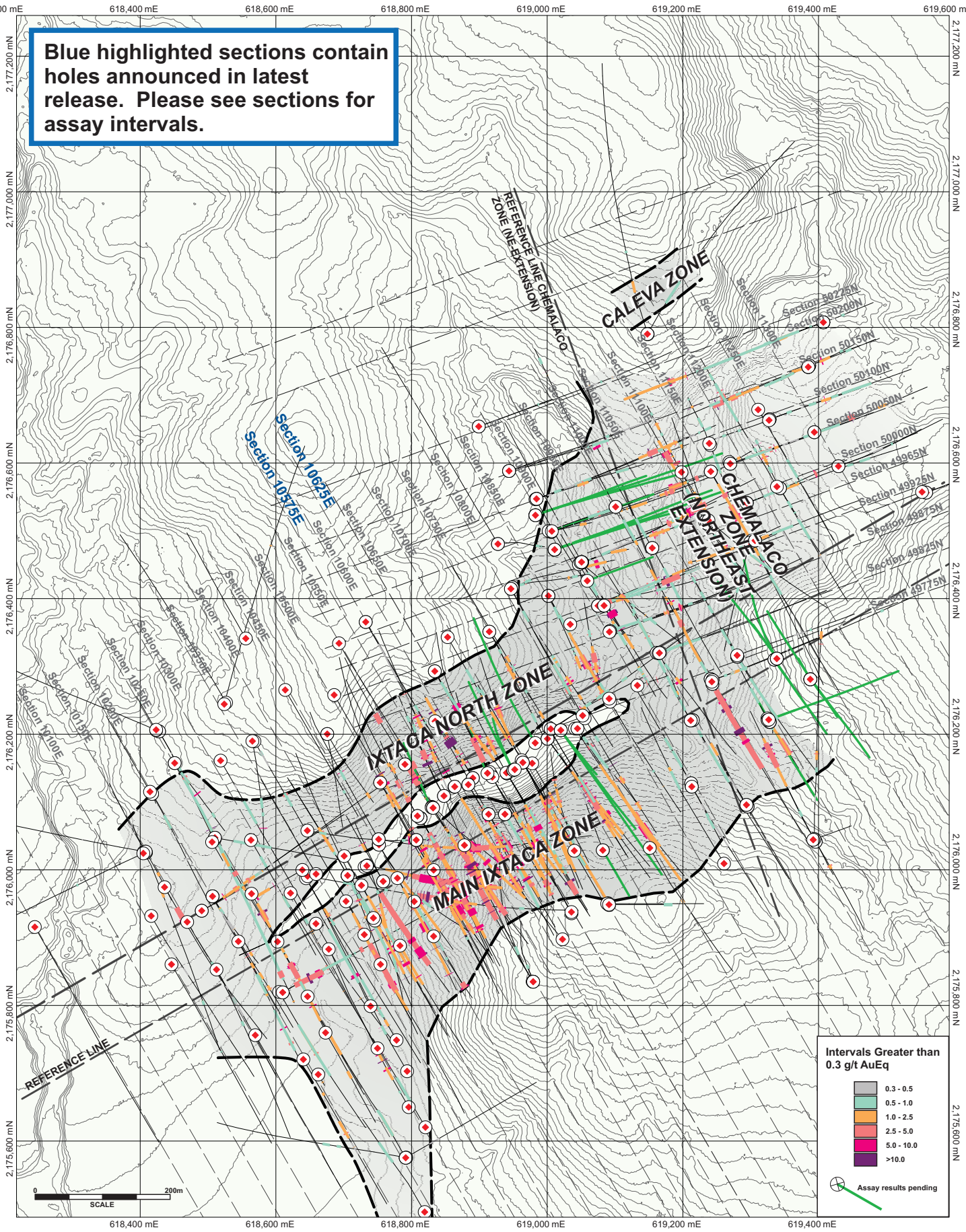
On Behalf of the Board of Directors

"Morgan Poliquin"

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

Neither the Toronto Stock Exchange (TSX) nor the NYSE MKT have reviewed or accepted responsibility for the adequacy or accuracy of the contents of this news release which has been prepared by management.. Except for the statements of historical fact contained herein, certain information presented constitutes "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and Canadian securities laws. Such forward-looking statements, including but not limited to, those with respect to potential expansion of mineralization, potential size of mineralized zone, and size and timing of exploration and development programs, estimated project capital and other project costs and the timing of submission and receipt and availability of regulatory approvals involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievement of Almaden to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, risks related to international operations and joint ventures, the actual results of current exploration activities, conclusions of economic evaluations, uncertainty in the estimation of mineral resources, changes in project parameters as plans continue to be refined, environmental risks and hazards, increased infrastructure and/or operating costs, labour and employment matters, and government regulation and permitting requirements as well as those factors discussed in the section entitled "Risk Factors" in Almaden's Annual Information form and Almaden's latest Form 20-F on file with the United States Securities and Exchange Commission in Washington, D.C. Although Almaden has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Almaden disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, other than as required pursuant to applicable securities laws. Accordingly, readers should not place undue reliance on forward-looking statements.

Blue highlighted sections contain holes announced in latest release. Please see sections for assay intervals.

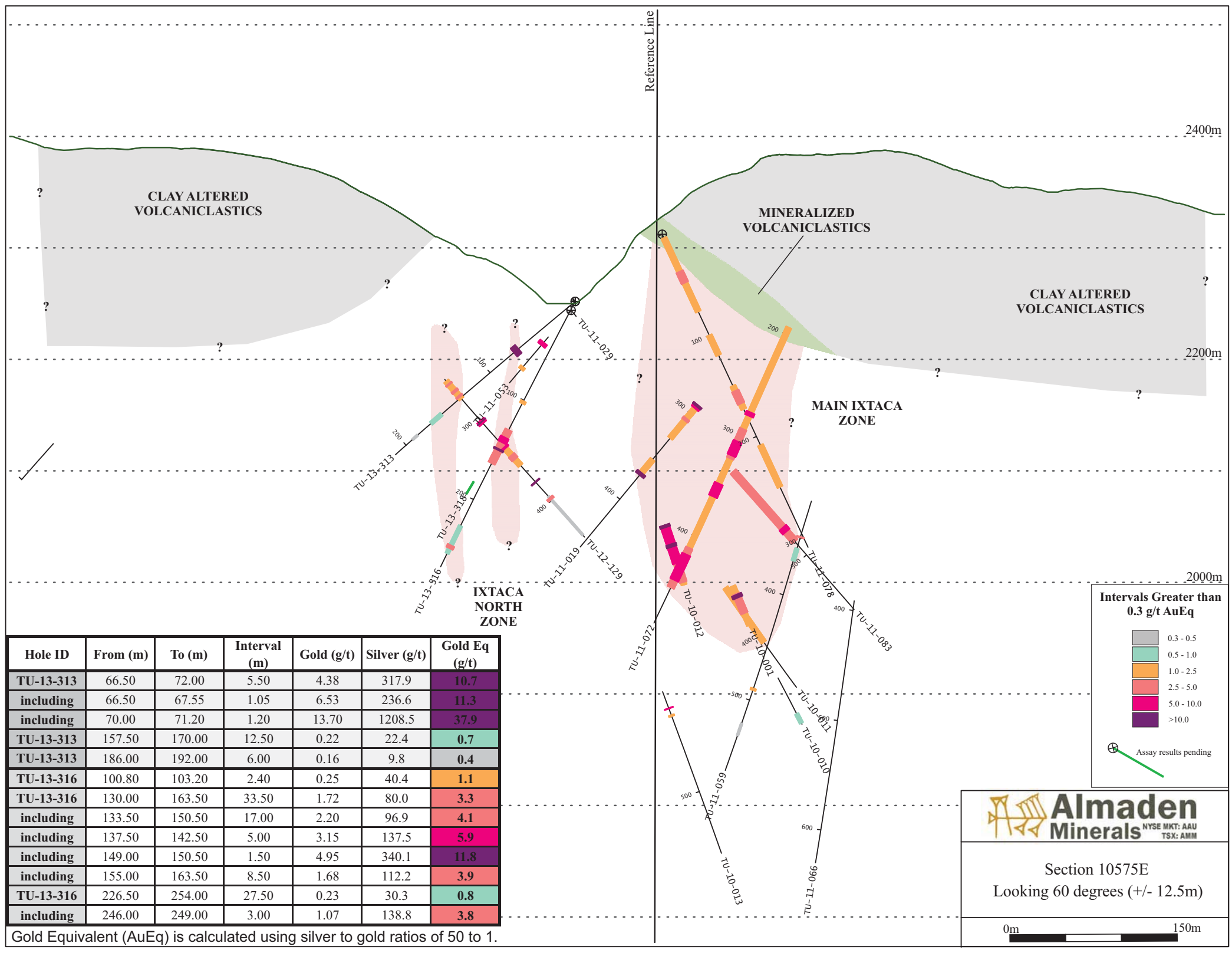


Intervals Greater than 0.3 g/t AuEq

Grey	0.3 - 0.5
Light Green	0.5 - 1.0
Orange	1.0 - 2.5
Yellow	2.5 - 5.0
Red	5.0 - 10.0
Purple	>10.0

Assay results pending

0 200m
SCALE



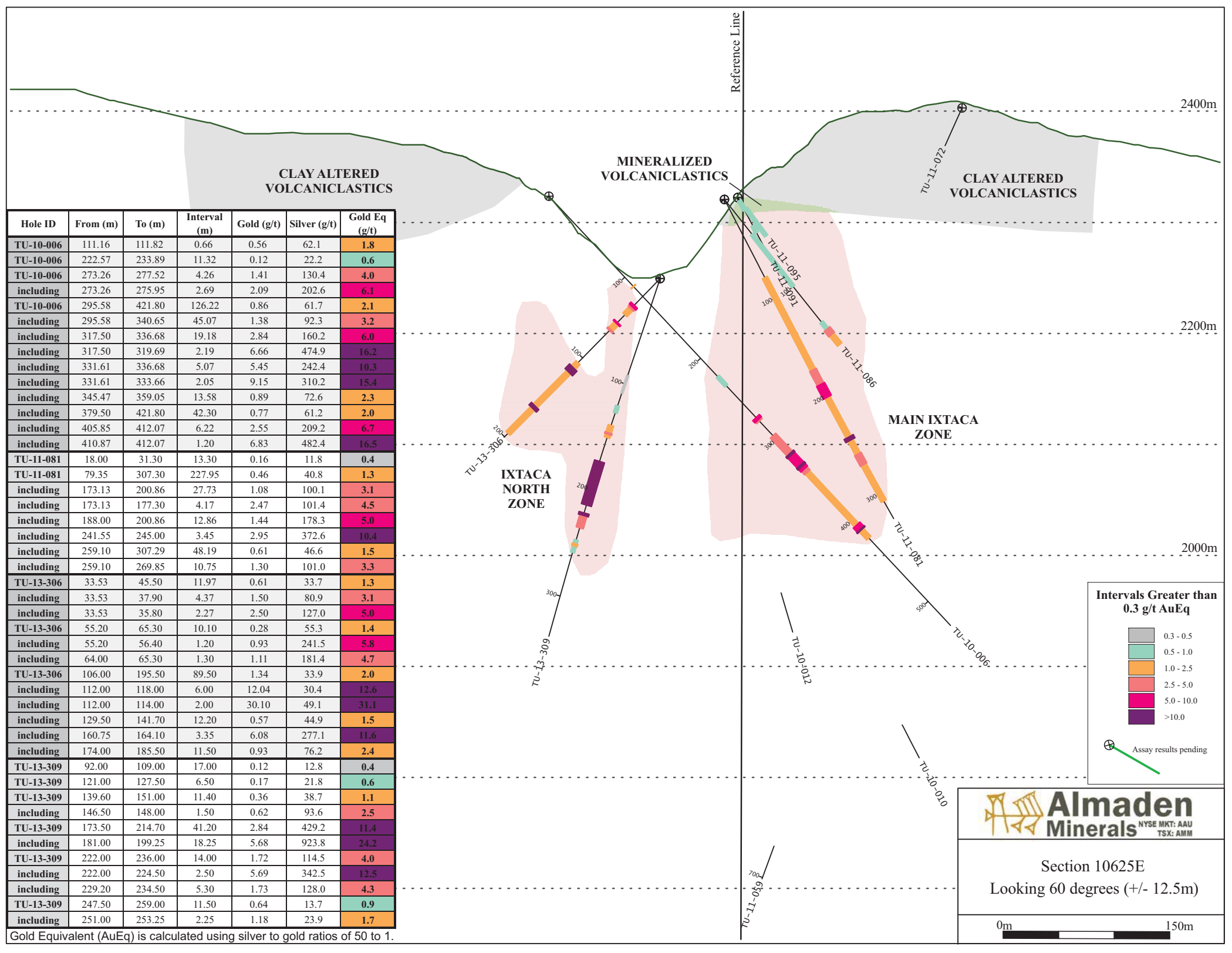
Hole ID	From (m)	To (m)	Interval (m)	Gold (g/t)	Silver (g/t)	Gold Eq (g/t)
TU-13-313	66.50	72.00	5.50	4.38	317.9	10.7
including	66.50	67.55	1.05	6.53	236.6	11.3
including	70.00	71.20	1.20	13.70	1208.5	37.9
TU-13-313	157.50	170.00	12.50	0.22	22.4	0.7
TU-13-313	186.00	192.00	6.00	0.16	9.8	0.4
TU-13-316	100.80	103.20	2.40	0.25	40.4	1.1
TU-13-316	130.00	163.50	33.50	1.72	80.0	3.3
including	133.50	150.50	17.00	2.20	96.9	4.1
including	137.50	142.50	5.00	3.15	137.5	5.9
including	149.00	150.50	1.50	4.95	340.1	11.8
including	155.00	163.50	8.50	1.68	112.2	3.9
TU-13-316	226.50	254.00	27.50	0.23	30.3	0.8
including	246.00	249.00	3.00	1.07	138.8	3.8

Gold Equivalent (AuEq) is calculated using silver to gold ratios of 50 to 1.

Almaden Minerals
 NYSE MKT: AAU
 TSX: AMM

Section 10575E
 Looking 60 degrees (+/- 12.5m)

0m 150m



Hole ID	From (m)	To (m)	Interval (m)	Gold (g/t)	Silver (g/t)	Gold Eq (g/t)
TU-10-006	111.16	111.82	0.66	0.56	62.1	1.8
TU-10-006	222.57	233.89	11.32	0.12	22.2	0.6
TU-10-006	273.26	277.52	4.26	1.41	130.4	4.0
including	273.26	275.95	2.69	2.09	202.6	6.1
TU-10-006	295.58	421.80	126.22	0.86	61.7	2.1
including	295.58	340.65	45.07	1.38	92.3	3.2
including	317.50	336.68	19.18	2.84	160.2	6.0
including	317.50	319.69	2.19	6.66	474.9	16.2
including	331.61	336.68	5.07	5.45	242.4	10.3
including	331.61	333.66	2.05	9.15	310.2	15.4
including	345.47	359.05	13.58	0.89	72.6	2.3
including	379.50	421.80	42.30	0.77	61.2	2.0
including	405.85	412.07	6.22	2.55	209.2	6.7
including	410.87	412.07	1.20	6.83	482.4	16.5
TU-11-081	18.00	31.30	13.30	0.16	11.8	0.4
TU-11-081	79.35	307.30	227.95	0.46	40.8	1.3
including	173.13	200.86	27.73	1.08	100.1	3.1
including	173.13	177.30	4.17	2.47	101.4	4.5
including	188.00	200.86	12.86	1.44	178.3	5.0
including	241.55	245.00	3.45	2.95	372.6	10.4
including	259.10	307.29	48.19	0.61	46.6	1.5
including	259.10	269.85	10.75	1.30	101.0	3.3
TU-13-306	33.53	45.50	11.97	0.61	33.7	1.3
including	33.53	37.90	4.37	1.50	80.9	3.1
including	33.53	35.80	2.27	2.50	127.0	5.0
TU-13-306	55.20	65.30	10.10	0.28	55.3	1.4
including	55.20	56.40	1.20	0.93	241.5	5.8
including	64.00	65.30	1.30	1.11	181.4	4.7
TU-13-306	106.00	195.50	89.50	1.34	33.9	2.0
including	112.00	118.00	6.00	12.04	30.4	12.6
including	112.00	114.00	2.00	30.10	49.1	31.1
including	129.50	141.70	12.20	0.57	44.9	1.5
including	160.75	164.10	3.35	6.08	277.1	11.6
including	174.00	185.50	11.50	0.93	76.2	2.4
TU-13-309	92.00	109.00	17.00	0.12	12.8	0.4
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