



## **Mirasol Reports Encouraging Drill Results from Cerro Vanguardia Mines JV at the Claudia Gold-Silver Project, Santa Cruz Province Argentina**

**Vancouver, BC, July 26, 2016 – Mirasol Resources Ltd. (TSX-V: MRZ, OTCPK: MRZLF “Mirasol”)** is pleased to announce encouraging intersections of Au+Ag mineralization in shallow reverse-circulation (RC) drilling at the 100% owned Claudia project in Santa Cruz Province Argentina. These preliminary results are from the drilling campaign just completed by Joint Venture partner Cerro Vanguardia S.A. (CVSA - 92.5 % owned by AngloGold Ashanti, the controlling shareholder, and 7.5 % by Fomicruz S.E., the Santa Cruz provincial mining company). Since commencing drilling during May 2016, CVSA has completed 39 shallow RC drill holes totaling 3,543 m across the Curahue prospect, primarily focused on the “lo” trend ([Figure 1](#)).

Assays have been received for 18 of the 26 RC holes that provide a shallow test of the 2 km long “lo” vein zone in the Curahue prospect. Curahue is one of five prospect areas identified within the Claudia project ([Figure 2](#)), and is defined by a 15 km long Au+Ag bearing epithermal vein corridor where Mirasol exploration has outlined six large, previously undrilled, vein trends, including: lo, Europa, Sinope, Calisto, Ganymede and Themisto (see news release July 27, 2015 [Claudia Project Summary](#)).

Gradient array geophysical surveys previously conducted by Mirasol at Curahue have proved to be a very reliable tool for targeting veins concealed by gravel on the “lo” trend. The current RC drilling campaign has tested some of the high-priority “lo” trend targets to depths of between 20 and 120 m below surface and intersected a series of sizable epithermal veins and stockworks. Interpretation of preliminary cross-sections suggest the “lo” vein zone attains estimated maximum true widths ranging up-to approximately 40 m.

RC assay results ([Table 1](#)) have defined both narrow zones of higher-grade and multiple broad zones of lower-grade Au+Ag mineralization including:

Select plus 4 g/t Au down hole intervals,

- IORC38 13.0 to 13.5m - 0.5 m at 7.35 g/t Au and 448.9 g/t Ag, (14.8 g/t AuEq60\*)
- IORC41 80.0 to 81.0m - 1.0 m at 5.15 g/t Au and 580.6 g/t Ag, (14.8 g/t AuEq60)
- IORC58 50.0 to 51.0m - 1.0 m at 4.58 g/t Au and 180.5 g/t Ag, (7.6 g/t AuEq60)

Select lower grade down hole intervals, at 0.3 g/t AuEq60 cut off:

- IORC27 30.0 to 57.5m - 27.5m at 0.56 g/t Au and 48.33 g/t Ag (1.37 g/t AuEq60)  
Including 2.5 m at 1.16 g/t Au and 165.6 g/t Ag (3.92 g/t AuEq60)
- IORC41 32.5 to 99.0m - 66.5m at 0.42 g/t Au and 64.74 g/t Ag, (1.50 g/t AuEq60)  
including 13m at 0.81 g/t Au and 105.0 g/t Ag (2.56 g/t AuEq60)
- IORC58 43.0 to 82.5m 39.5m at 0.70 g/t Au and 74.89 g/t Ag, (1.95 g/t AuEq60)  
including 12.5 m at 1.38 g/t Au and 102.5 g/t Ag (3.08 g/t AuEq60)

The majority of the assay results received to-date are from the northwest-end of the “lo” trend where the primary vein zone is interpreted to reach its maximum true width ranging up to approximately 40 m in the RC

drilling. In the southeast area where assays are still pending, drill logs record narrower but still significant vein development with downhole intersections suggesting a vein zone of up to 5 to 15 m wide. The assay results from hole IORC-38, the most southeasterly hole with results to date, has returned the highest-grade intersection of 0.5 m at 7.35 g/t Au and 448.9 g/t Ag, suggesting there is potential for further mineralized intersections in this part of the vein zone. The central portion of the “lo” trend remains largely undrilled at this time.

Preliminary cross section down-hole assay plots ([Figure 3](#)) of the “lo” RC drill results combined with Mirasol trench channel-sample assays suggest that the Au+Ag grades may be increasing with depth; however deeper drilling will be required to determine if this Au+Ag grade trend continues. Drill logs show the “lo” structure and associated Au+Ag mineralization is oxidized, an early indicator for potentially favourable metallurgical characteristics to the mineralization.

RC drilling has been used by CVSA to provide a rapid test of the Curahue prospect. The majority of mineralized intervals from reported RC holes were collected from below the water table resulting in wet samples. “Wet” RC drilling under some circumstances can deliver lower sample recoveries and may produce smearing of samples. Given these possible uncertainties caution in interpreting these results is advised until confirmation is provided by the diamond drill core results. None the less Mirasol’s management is encouraged by these assay results that provided an initial near surface test at “lo” suggesting potential for both mill and near surface heap-leach type Au+Ag mineralization at Curahue.

This phase of the RC drilling at Curahue was completed on June 29, with CVSA promptly commencing follow-up diamond core drilling at the prospect. Diamond core holes will initially target depth extensions of the mineralization intersected in RC holes at the “lo” trend but will also test sections of the Europa, Calisto, Sinope and the as yet un-drilled 3 km long Themisto trend. Assay results are currently pending for a further 8 RC holes from “lo” and 13 holes for the other trends; 6 holes from Europa, 4 holes from Calisto and 3 holes from Sinope. These results will be reported as they are delivered to Mirasol by CVSA.

The Claudia – CVSA Joint Venture is targeting Au+Ag mineralization that could be mined and processed through CVSA facilities located 28 km over flat terrain to the north of Curahue, through Claudia project and CVSA lands. The objective is to identify higher-grade material that could be trucked to the mill and / or lower-grade ore suitable for an on site heap-leaching, which could be rapidly brought into production using the established mine infrastructure.

The Cerro Vanguardia Mine produced 300,000 oz of Au during 2015 and over 1.25 Moz Au in the last five years, mining from a series of open pits, heap leach and underground operations. The Claudia – CVSA Joint Venture (see new release March 01, 2016) requires CVSA to drill 12,000 m, spend US\$5 million on exploration and pay US\$1 million in staged cash payments over 2 years to earn 51% of the Claudia project. CVSA can earn up to 75% of the project over six years by delivering a decision to mine with a minimum resource of 350,000 oz Au and provide funding to production for Mirasol’s 25% equity proportion of the mine. The earn-in timeline can be accelerated at CVSA’s discretion by early delivery on the drill, exploration spend and payments schedule.

Stephen Nano, President and CEO of Mirasol, has approved the technical content of this news release and is a Qualified Person under NI 43 -101.

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Additional Explanatory Notes

\* AuEq60 Gold Equivalent (AuEq) is calculated using following formula: assays in g/t Gold + (Silver / 60)

### **Quality Assurance/Quality Control of the Claudia exploration program:**

Under the terms of the Claudia-CVSA Agreement, all exploration is managed by CVSA. All previous exploration on the projects was supervised by Mirasol CEO Stephen C. Nano, who is the Qualified Person under NI 43-101. All information generated from the Claudia-CVSA Joint Venture program is reviewed by Mirasol prior to release. The technical interpretations presented here are those of Mirasol Resources Ltd.

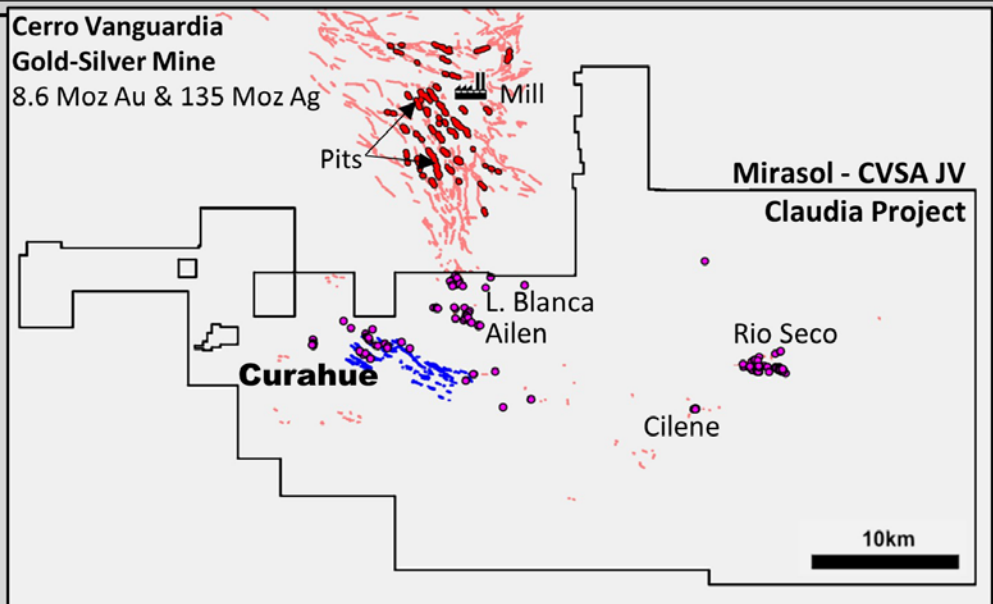
CVSA applies industry standard exploration methodologies and techniques. All geochemical rock and drill samples are collected under the supervision of CVSA's geologists in accordance with industry practice. Geochemical assays are obtained and reported under a quality assurance and quality control (QA/QC) program. Reverse circulation samples are collected at the drill rig either with a dry or a wet hydraulic splitter. Samples were collected on 0.5, 1 and 2m intervals decided upon by the site geologist. The Reverse circulation samples are split into two samples at the CVSA mine laboratory where one split is assayed by the mine laboratory for quick turnaround of results to provide feedback for the program and the other split dispatched to an ISO 9001:2000-accredited laboratory in Argentina for analysis. CVSA supplied to Mirasol the independent accredited laboratory analysis results only and these are reported here. Au is assayed by 50g Fire Assay with an AAS finish. Ag is assayed by a multi-acid digest with an ICP finish and results > 200 ppm were reassayed by 50g Gravimetric method. Assay results from reverse circulation samples may be higher, lower or similar to results obtained from surface samples due to surficial oxidation and enrichment processes or due to natural geological grade variations in the primary mineralization.

Forward Looking Statements: The information in this news release contains forward looking statements that are subject to a number of known and unknown risks, uncertainties and other factors that may cause actual results to differ materially from those anticipated in our forward looking statements. Factors that could cause such differences include: changes in world commodity markets, equity markets, costs and supply of materials relevant to the mining industry, change in government and changes to regulations affecting the mining industry. Forward-looking statements in this release include statements regarding future exploration programs, operation plans, geological interpretations, mineral tenure issues and mineral recovery processes. Although we believe the expectations reflected in our forward looking statements are reasonable, results may vary, and we cannot guarantee future results, levels of activity, performance or achievements. Mirasol disclaims any obligations to update or revise any forward looking statements whether as a result of new information, future events or otherwise, except as may be required by applicable law.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.



Cerro Vanguardia Claims  
Mirasol Claudia Claims



29 Holes Drilled for 2,960m  
18 holes with assays returned

6 Holes Drilled for 590m

4 Holes Drilled for 426m

3 Holes Drilled for 290m



**MIRASOL RESOURCES**  
Focused on gold & silver discovery  
Base Image: Gradient Array Resistivity

**CVSA Drilling**

- Completed RC drilling (assays returned)
- Completed RC drilling (assays pending)

**Gradient Array Interpretation**

- Resistive geophysical bodies
- Gradient array 100m line spaced
- Themisto Trend Reconnaissance gradient array 500m line spaced



**Insert Figure Legend**

- Rock Chip Samples +1 g/t Gold Equivalent (Au+Ag/60)
- Vanguardia Pits
- Mapped & Interpreted Veins

Figure 1: Claudia - CVSA JV: Curahue prospect drilling. July 2016

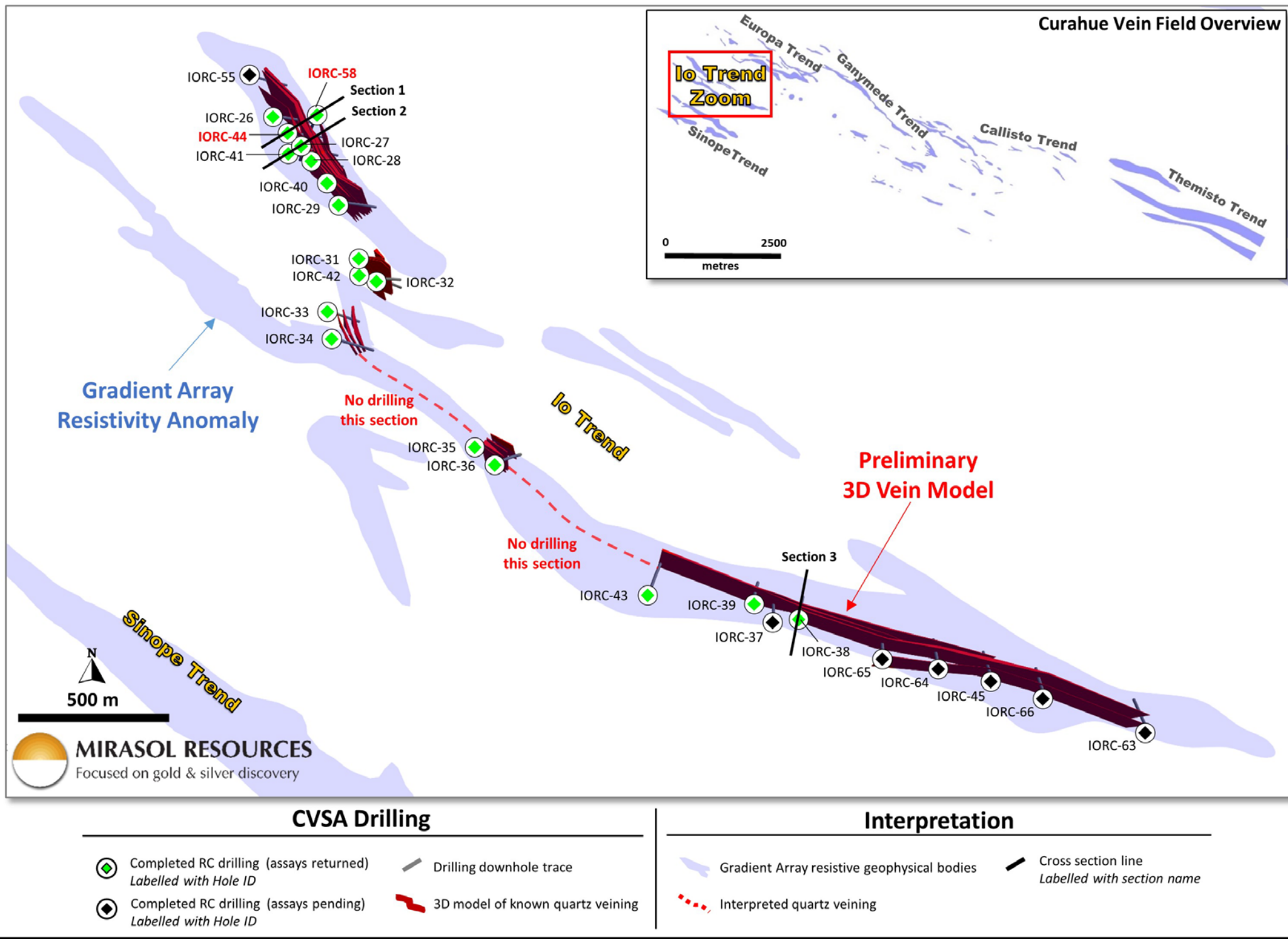
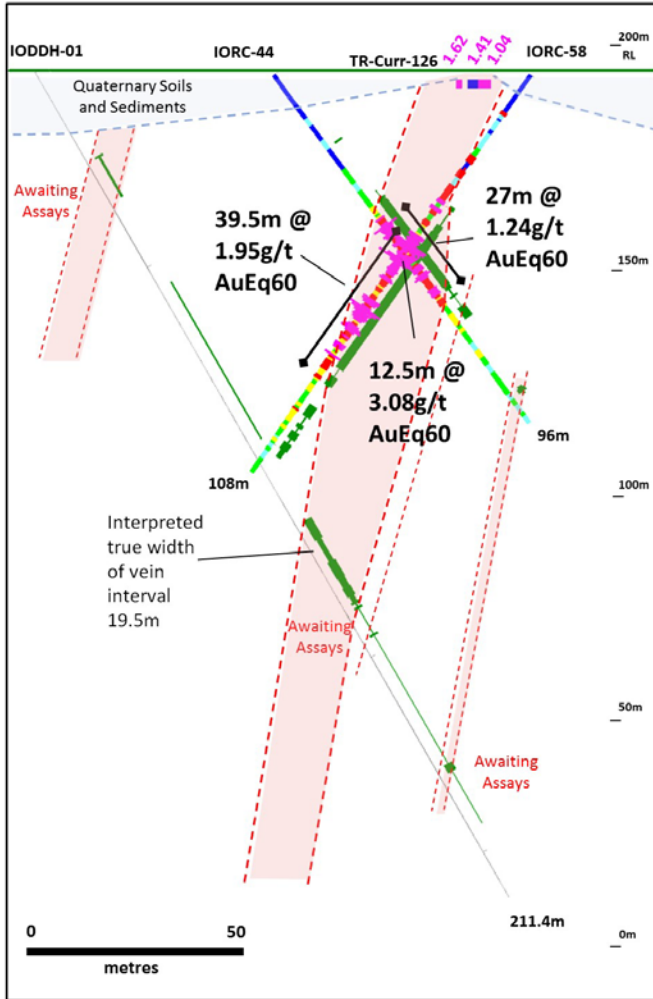
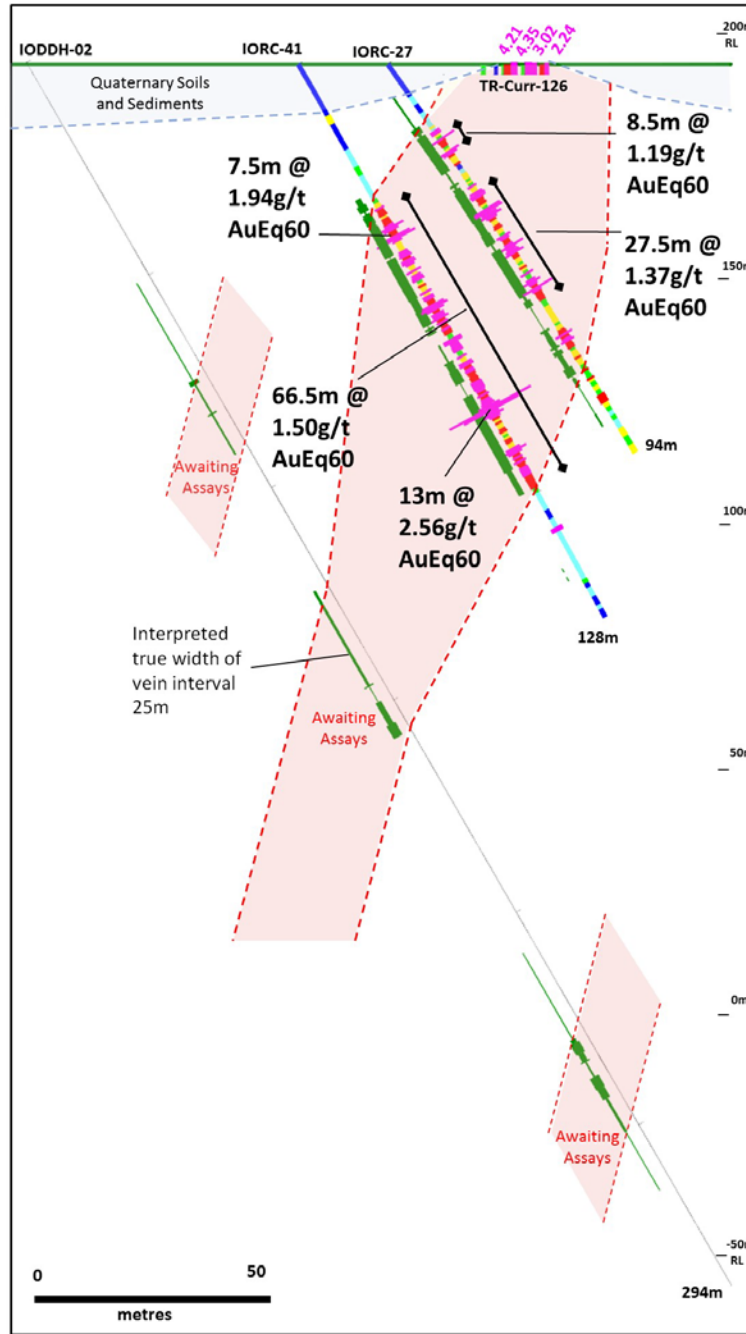


Figure 2: Claudia – CVSA JV: Curahue prospect, Io Trend reverse circulation drilling. July 2016

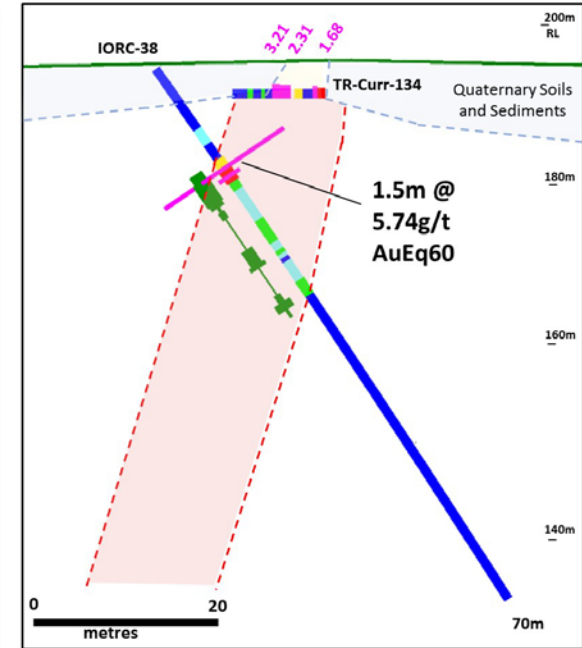
### Section 1



### Section 2



### Section 3



#### LEGEND

##### Au Equivalent Geochemistry - Drill-hole and Trenching

##### Au Equiv (Au+Ag/60)

- 1 to 17.88
- 0.5 to 1
- 0.25 to 0.5
- 0.1 to 0.25
- 0.05 to 0.1
- 0 to 0.05
- Histogram % Quartz Veining
- IORC Reverse Circulation Drill hole
- IODDH Diamond Drill hole

Figure 3: Claudia - CVSA JV: Curahue prospect, 10 drill hole cross sections. July 2016

### High grade drill hole intervals (manually selected)

Hole Number	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	AuEq60 (g/t)	AuEq60 Gram Metre
IORC-26	47	48	1	0.10	262.68	4.47	4.5
IORC-27	18.5	19	0.5	3.29	148.90	5.77	2.9
	35.5	36.5	1	2.24	207.04	5.69	5.7
	44.5	45	0.5	0.88	266.88	5.33	2.7
	54.5	55	0.5	4.63	134.60	6.87	3.4
IORC-28	32	33	1	5.19	82.65	6.57	6.6
IORC-34A	58.5	59	0.5	0.72	368.33	6.86	3.4
IORC-38	13	13.5	0.5	7.35	448.93	14.83	7.4
IORC-40	38	38.5	0.5	1.36	365.89	7.46	3.7
IORC-41	40	41	1	2.44	266.14	6.88	6.9
	80	81	1	5.15	580.58	14.82	14.8
IORC-58	50	51	1	4.58	180.47	7.59	7.6

### Down Hole Intersections at 1 g/t AuEq60 cut off and greater than 5 AuEq60 gram meters product

Hole Number	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	AuEq60 (g/t)	AuEq60 Gram Metre
IORC-26	40.0	44.0	4.0	0.17	100.35	1.85	7.4
	66.5	72.5	6.0	0.19	56.13	1.13	6.8
IORC-27	35.5	38.0	2.5	1.16	165.63	3.92	9.8
	42.0	46.5	4.5	0.67	80.13	2.01	9.0
	52.5	55.5	3.0	1.57	44.50	2.32	7.0
IORC-28	31.5	36.0	4.5	2.33	70.90	3.51	15.8
	49.0	52.5	3.5	0.59	102.86	2.30	8.1
IORC-34A	57.5	59.5	2.0	0.54	152.96	3.09	6.2
IORC-38	13.0	14.5	1.5	2.95	167.41	5.74	8.6
IORC-40	29.5	31.5	2.0	1.27	76.03	2.54	5.1
	36.0	42.0	6.0	0.96	88.39	2.44	14.6
IORC-41	37.5	41.5	4.0	1.22	118.03	3.19	12.8
	43.5	47.0	3.5	0.39	65.46	1.48	5.2
	53.0	60.5	7.5	0.62	78.97	1.94	14.6
	64.0	67.0	3.0	0.52	80.50	1.87	5.6
	69.5	82.5	13.0	0.81	105.20	2.56	33.3
	89.5	96.0	6.5	0.16	81.22	1.52	9.9
IORC-44	39.5	49.0	9.5	0.53	64.89	1.61	15.3
	53.0	56.5	3.5	0.44	80.97	1.79	6.3
IORC-58	43.5	56.0	12.5	1.38	102.55	3.08	38.5
	61.0	67.0	6.0	0.94	128.39	3.08	18.5
	68.0	71.5	3.5	0.75	74.67	2.00	7.0

### Down Hole Intersections at 0.3 g/t AuEq60 cut off and greater than 3 AuEq60 gram meter product

Hole Number	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	AuEq60 (g/t)	AuEq60 Gram Metre
IORC-26	38.00	44.50	6.50	0.15	68.72	1.30	8.5
	46.50	59.50	13.00	0.10	42.68	0.81	10.5
	63.00	77.00	14.00	0.15	45.54	0.91	12.7
IORC-27	16.50	25.00	8.50	0.57	37.58	1.19	10.1
	30.00	57.50	27.50	0.56	48.33	1.37	37.7
	63.50	72.00	8.50	0.19	37.28	0.81	6.9
IORC-28	22.00	36.00	14.00	0.98	43.91	1.71	23.9
	38.50	44.50	6.00	0.66	12.63	0.87	5.2
	45.50	53.50	8.00	0.37	58.26	1.34	10.7
IORC-31	45.00	48.50	3.50	0.35	36.56	0.96	3.4
IORC-33	48.00	50.50	2.50	1.07	46.78	1.85	4.6
IORC-34A	54.00	65.00	11.00	0.25	50.22	1.08	11.9
IORC-35	16.00	25.00	9.00	0.47	14.73	0.72	6.5
IORC-37	30.00	31.50	1.50	1.88	9.80	2.05	3.1
IORC-38	12.00	15.00	3.00	1.61	89.94	3.11	9.3
IORC-40	27.00	34.00	7.00	0.56	60.09	1.56	10.9
	36.00	42.00	6.00	0.96	88.39	2.44	14.6
	44.00	47.50	3.50	0.37	33.57	0.93	3.3
IORC-41	32.50	99.00	66.50	0.42	64.74	1.50	99.8
IORC-44	36.50	63.50	27.00	0.34	54.09	1.24	33.5
IORC-58	30.00	38.00	8.00	0.08	41.49	0.77	6.2
	43.00	82.50	39.50	0.70	74.89	1.95	77.0

#### NOTES

1) Gold Equivalent grade (AuEq60) is calculated using following formula: Gold + (Silver / 60)

2) AuEq60 Gram Metre interval is calculated using AuEq60 (g/t) x intersection Interval (m)

3) Intervals presented are selected using a the stated combined AuEq60 (g/t) cut off breaks to calculated length weighted average intersections and also show a AuEq60 g/t x down hole intersection product greater than 5 or 3 gram meters

Table 1: Claudia - CVSA JV: Curahue, Io Trend length weighted average down hole RC drill Intersections. July 2016