



# Exploration Report – 3Q23

## Nexa Reports Third Quarter 2023 Exploration Results

**Luxembourg, October 23, 2023** – Nexa Resources S.A. ("Nexa Resources", "Nexa", or the "Company") is pleased to provide today the drilling and assay results from the third quarter of 2023. This document contains forward-looking statements.

### Summary

Nexa's drilling strategy for 2023 is focused on near-mine expansion brownfield and infill drilling, including Aripuanã, which is in the ramp-up stage. Additional exploratory drilling is also planned for greenfield projects with a favorable perspective.

We invested in our exploration program a total amount of US\$24.1 million cumulatively for the 9M23 period, with US\$9.6 million invested in 3Q23. This represents 74% of the US\$32.6 million projected for the year, our initial budget was US\$35.2 million. The difference between the initially budgeted investment amount and the revised amount projected for 2023 is explained by a review undertaken to our mineral exploration guidance in light of the challenging backdrop of lower LME metal prices. As previously released, in order to accommodate the revised level of investment, we have postponed the start of drilling at Hilarión from June 2023 to 3Q23, and drilling at Florida Canyon has been postponed to 4Q23, compared to our previous estimate of a start in 3Q23. Furthermore, some areas of other regional exploration projects were deprioritized. Our initial plan envisaged 97,290 meters of drilling and, after the review mentioned above, our target for this year was reduced to 88,196 meters. Despite this review and in accordance with the meterage forecast monitored monthly, we performed in line with what was initially projected for 3Q23.

At the end of 3Q23, 215,238 meters of cumulative drilling production was carried out, including 69,614 meters of exploratory drilling and 145,624 meters of mining infill drilling. Total exploratory drilling carried out in 3Q23 was 28,573 meters, including 16,790 meters drilled in Peru, 8,896 meters in Brazil, and the remaining 2,887 meters in Namibia. Exploratory drilling scheduled for 4Q23 includes 14,507 meters in Peru with twelve rigs, 2,075 meters in Brazil with four rigs, and 2,000 meters in Namibia with two rigs, totaling 18,582 meters.

Commenting on the report, Jones Belther, Senior Vice President of Mineral Exploration & Business Development, said: "Our brownfield exploration programs have progressed as planned and the results are confirming our expectations of extending the life of mine of our current operations. Drilling results at Cerro Lindo confirmed the extent of mineralization at depth in Orebody 8, with an intercept of 11.5 meters grading 2.87% Zn, 0.34% Pb, 0.12% Cu and 8.16 g/t Ag. At Aripuanã, the Babaçu exploration infill drilling confirmed thick and high-grade intercepts such as 21.1 meters with 11.56% Zn, 5.08% Pb, 0.18% Cu, 50.24 g/t Ag and 0.21 g/t Au, 4.8 meters with 21.59% Zn, 13.25% Pb, 0.07% Cu, 453.32 g/t Ag and 0.28 g/t Au, and 10.9 meters with 14.00% Zn, 4.51% Pb, 0.04% Cu, 130.08 g/t Ag and 0.16 g/t Au. All drilled holes feature multiple mineralized intervals with high polymetallic content. At the Pasco complex, the Integración orebody continues to be expanded in depth in holes at multiple intersections, such as 3.2 meters with 10.59% Zn, 0.18% Pb, 0.26% Cu, 43.79 g/t Ag and 0.39 g/t Au, and 6.6 meters with 9.43% Zn, 1.02% Pb, 0.12% Cu, 32.77 g/t Ag and 0.08 g/t Au".

## Cerro Lindo

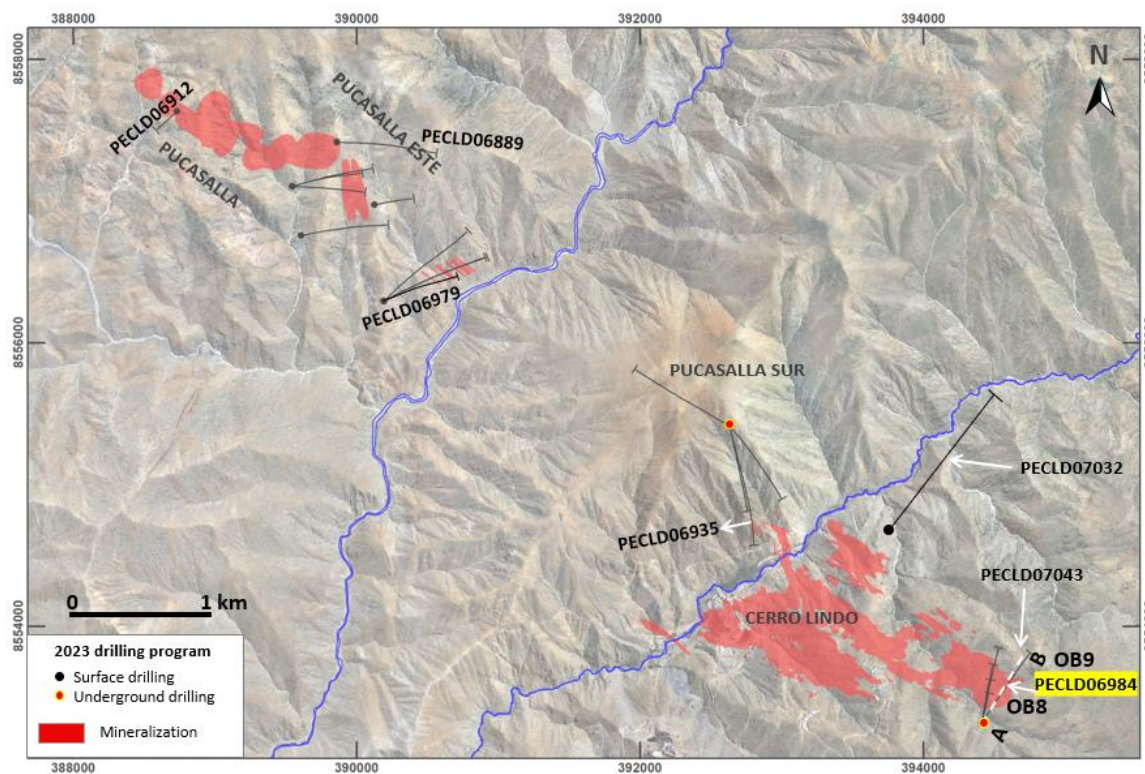
In 3Q23, the exploration program continued to focus on the extensions of known ore bodies to the southeast of Cerro Lindo, and on the Pucasalla target, 4.5 km to the northwest of the mine, and started drilling tests at the Patahuasi Millay target, located 500 meters to the northwest of Cerro Lindo mine. There are currently five operating drill rigs.

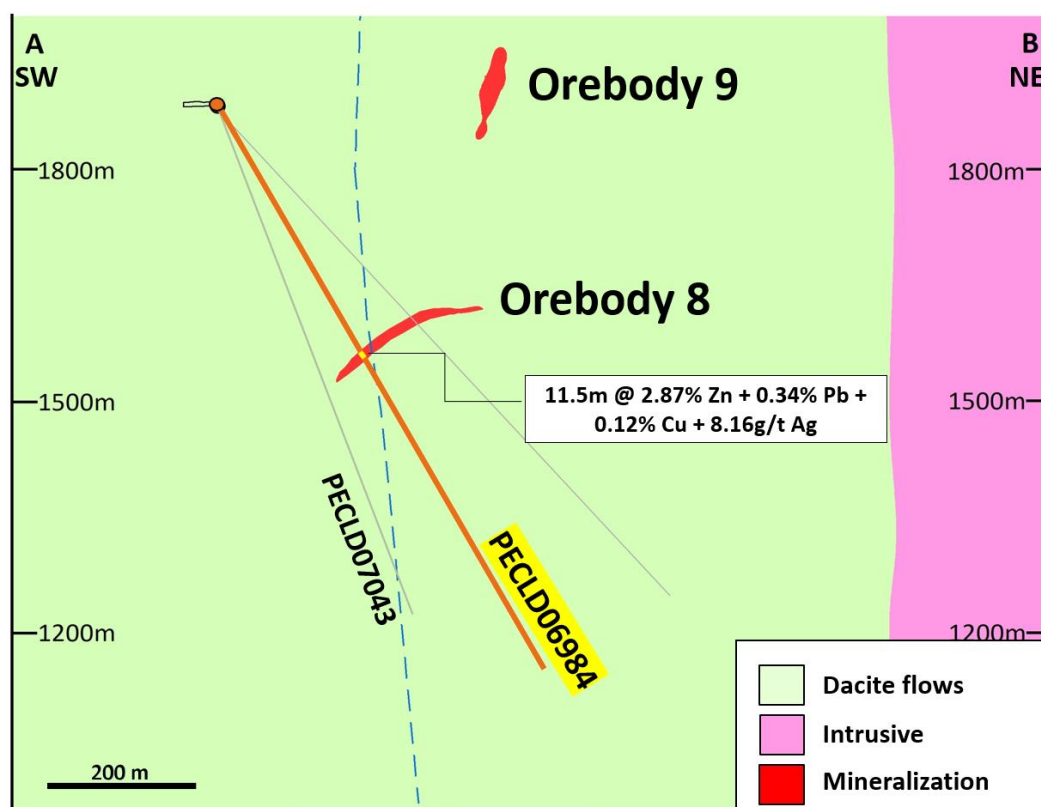
During the period, a total of 7,769 meters of exploration drilling and 18,027 meters of mining infill drilling were carried out, totaling 22,336 meters and 43,877 meters in 9M23, respectively.

During 3Q23, our focus was on expanding the mineralization of Orebody 8, as well as identifying new mineralized zones in the Pucasalla target and its extensions. Drilling results confirmed the extent of mineralization at depth in Orebody 8, with an intercept of 11.5 meters grading 2.87% Zn, 0.34% Pb, 0.12% Cu, 8.16 g/t Ag and 0.03 g/t Au in hole PECLD06984. Another target that we started drilling in the period was Patahuasi Millay, its hole has not yet been completed and, therefore, the results will be presented in the next quarter.

Hole_id	Ore body	From	To	Length	Zn%	Pb%	Cu%	Ag g/t	Au g/t
PECLD06889	Pucasalla Este	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
PECLD06935	Pucasalla Sur	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
PECLD06984	OB8	371.4	382.8	11.5	2.87	0.34	0.12	8.16	0.03
PECLD07043	OB8	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
PECLD06912	Pucasalla	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
PECLD06979	Pucasalla	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
PECLD07032	Patahuasi Millay	PAR	PAR	PAR	PAR	PAR	PAR	PAR	PAR

*Note: Intervals with assays not reported here have no consistent samples > 2.0% Zinc + Lead or assay results are pending. True widths of the mineralized intervals are unknown at this time. NSI refers to no significant intercept. PAR refers to pending assay results.*





In 4Q23, we will continue drilling inside the mine, at Orebody 8, drilling to the southeast and deepening, and drilling at Patahuasi Millay target, where the first drilling identified areas with the presence of sphalerite. At surface, we will continue to drill the Pucasalla target to the southeast and the Pucasalla East target. A total of 5,837 meters of drilling with four rigs is planned for 4Q23.

## Vazante

The brownfield exploration at Vazante aims to expand existing mineralized zones and explore new areas to define new mineralized zones near the mine. In 3Q23, 1,429 meters of exploratory drilling were completed in the Extremo Norte and Sucuri areas, and at the Vazante Sul target with two rigs, totaling 7,198 meters in 9M23. An additional 10,843 meters of mining infill drilling was carried out with three rigs at the Vazante mine, totaling 29,066 meters in 9M23.

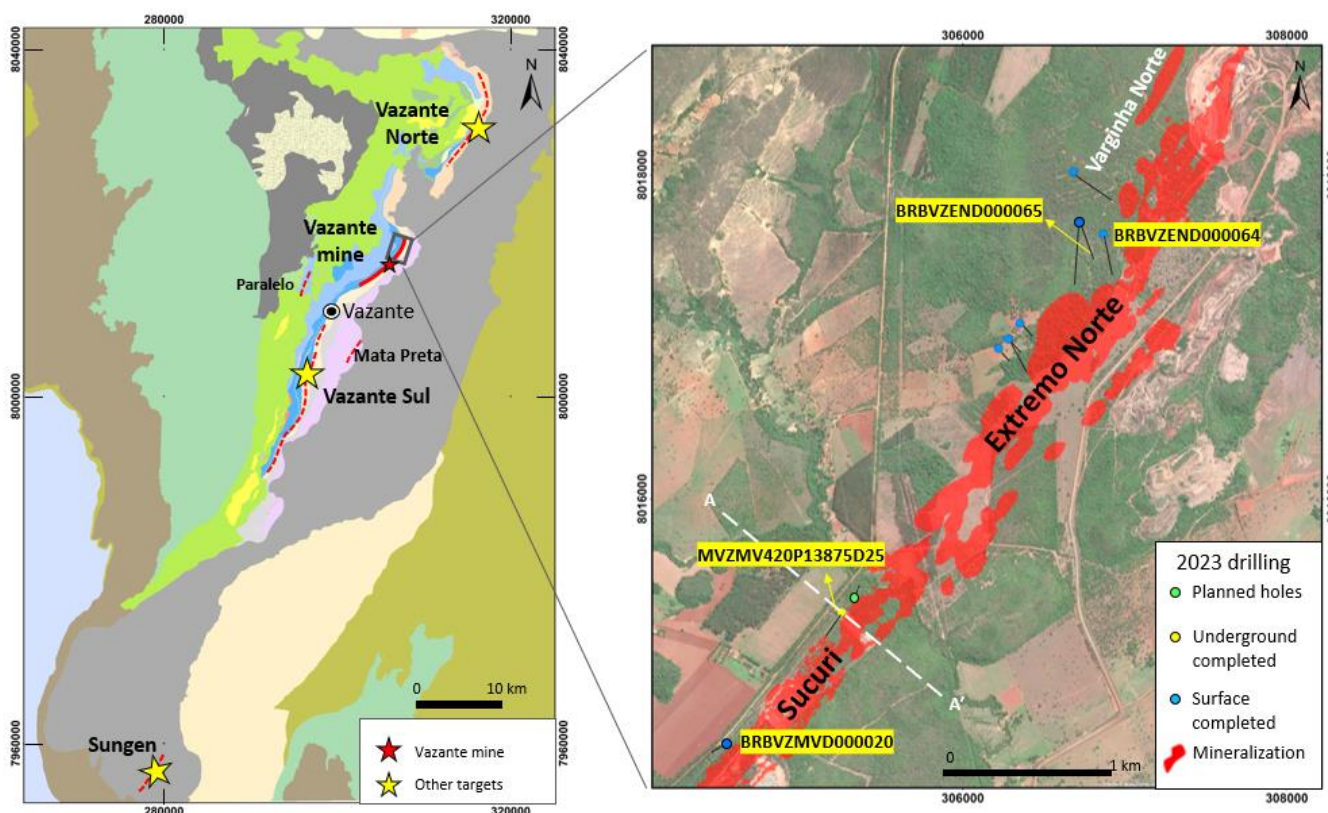
The Vazante brownfield drilling program focused on two main fronts: near mine drilling with the objective of expanding the mineralization of known ore bodies (Extremo Norte and Sucuri Norte) and the regional drilling program that seeks the continuity of the Vazante hydrothermal breccia in its southern extension.

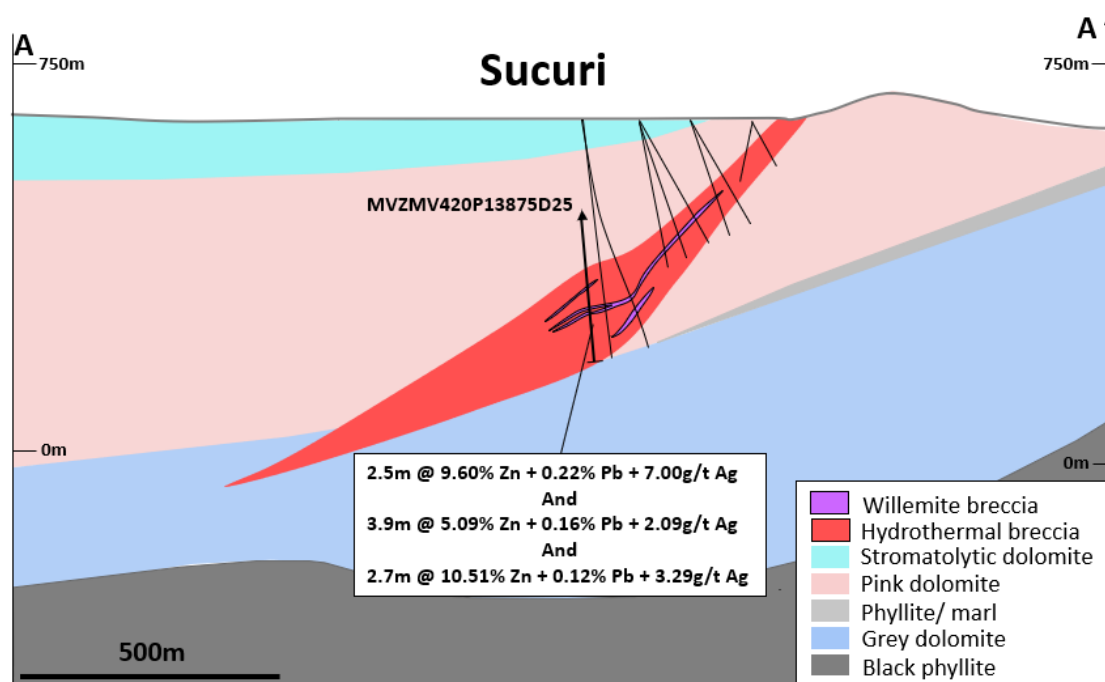
Drill holes from the near mine drilling program identified the continuity of mineralization, both at the Extremo Norte and Sucuri Norte targets, as evidenced by the results found in hole BRVZEND000058 intercepting 2.2 meters with 15.29% Zn and 0.21% Pb (Extremo Norte) and the underground hole MVZMV420P13875D25 (Sucuri) which intercepted three mineralized zones: 2.5 meters with 9.60% Zn and 0.22% Pb, 3.9 meters with 5.09% Zn and 0.16% Pb and 2.7 meters with 10.51% Zn and 0.12% Pb.



VAZANTE - 3Q23 - MAIN INTERSECTIONS							
Hole_id	Ore body	From	To	Length	Zn%	Pb%	Ag g/t
BRBVZEND000064	Extremo Norte	NSI	NSI	NSI	NSI	NSI	NSI
BRBVZEND000058	Extremo Norte	607.0	609.2	2.2	15.29	0.21	8.51
BRBVZMVD000020	Sucuri Norte	NSI	NSI	NSI	NSI	NSI	NSI
BRBVZEND000065	Extremo Norte	657.3	658.3	1.0	25.00	0.15	26.60
MVZMV420P13875D25	Sucuri Norte	184.1	186.6	2.5	9.60	0.22	7.00
And	Sucuri Norte	233.5	237.4	3.9	5.09	0.16	2.09
And	Sucuri Norte	244.7	247.4	2.7	10.51	0.12	3.29
BRVZVZD000023	Vazante Sul	PAR	PAR	PAR	PAR	PAR	PAR
BRVZVZD000024	Vazante Sul	PAR	PAR	PAR	PAR	PAR	PAR

Note: Intervals with assays not reported here have no consistent samples > 3.0% Zinc or assay results are pending. True widths of the mineralized intervals are unknown at this time. NSI refers to no significant intercept. PAR refers to pending assay results.





In 4Q23, 275 meters of surface drilling is planned with one rig with the objective of seeking the continuity of the Vazante fault and identifying mineralization south of the mine, in order to complete the drilling program at the Vazante Sul target.

## Aripuanã

The Aripuanã exploration strategy focuses on upgrading the Mineral Resources at the Babaçu deposit and expanding our Mineral Reserves.

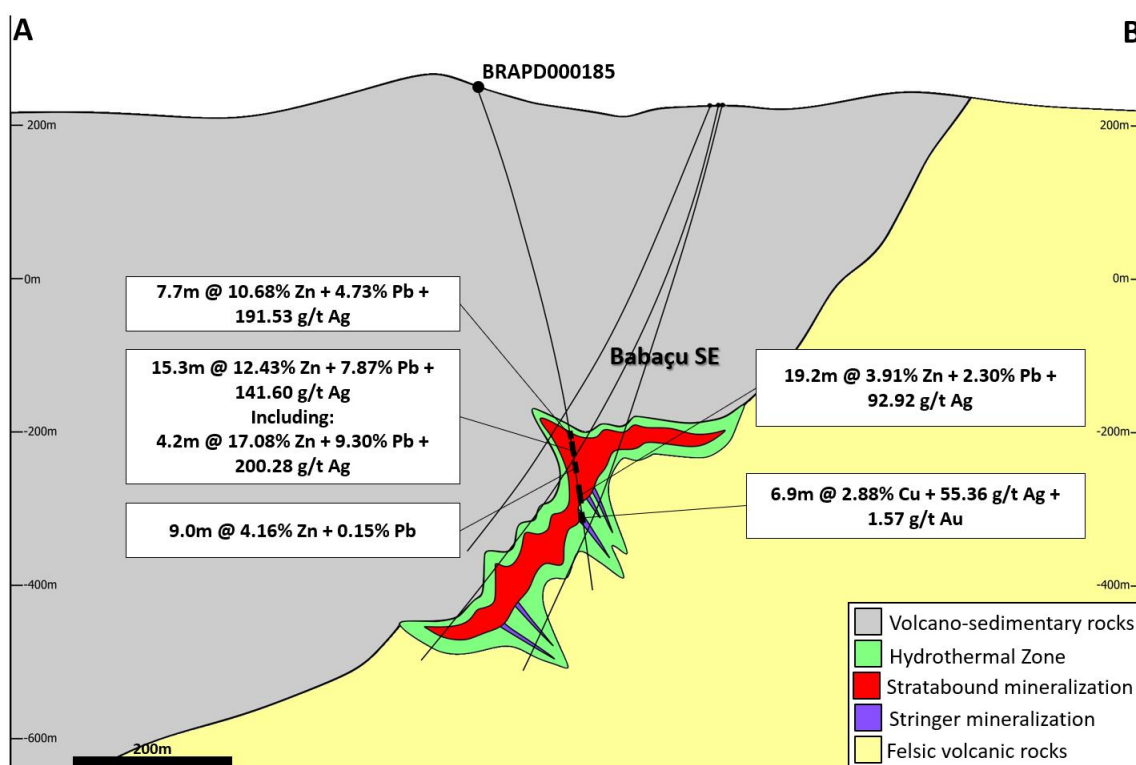
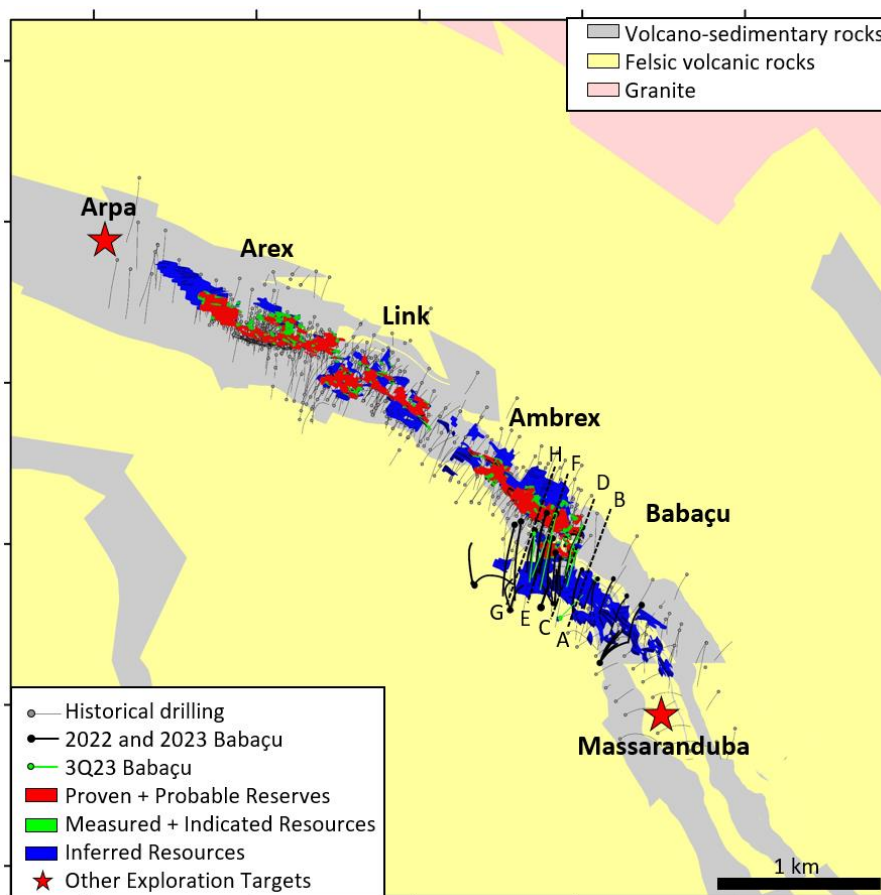
During 3Q23, a total of 7,467 meters of exploration infill drilling and 12,881 meters of mining infill drilling were executed, totaling 19,599 meters of exploration drilling and 31,384 meters of mining infill in 9M23.

The high production of the five rigs in operation contributed to the completion of more than 1,000 meters than was initially scheduled.

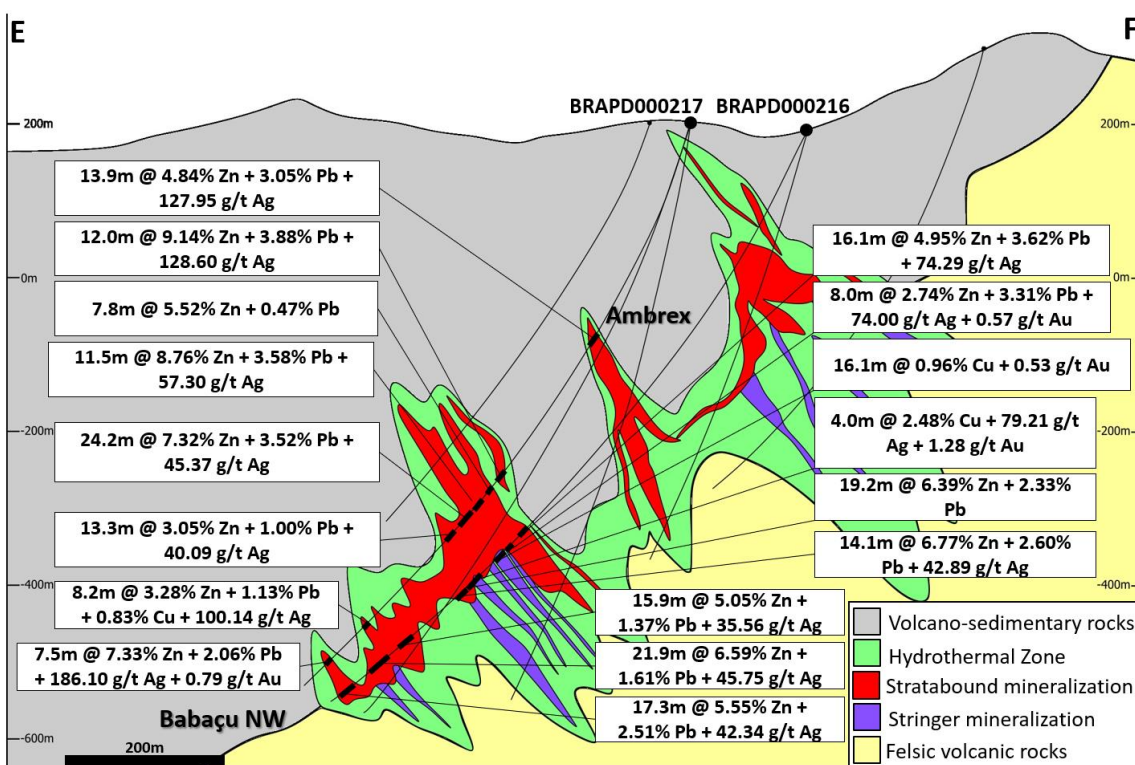
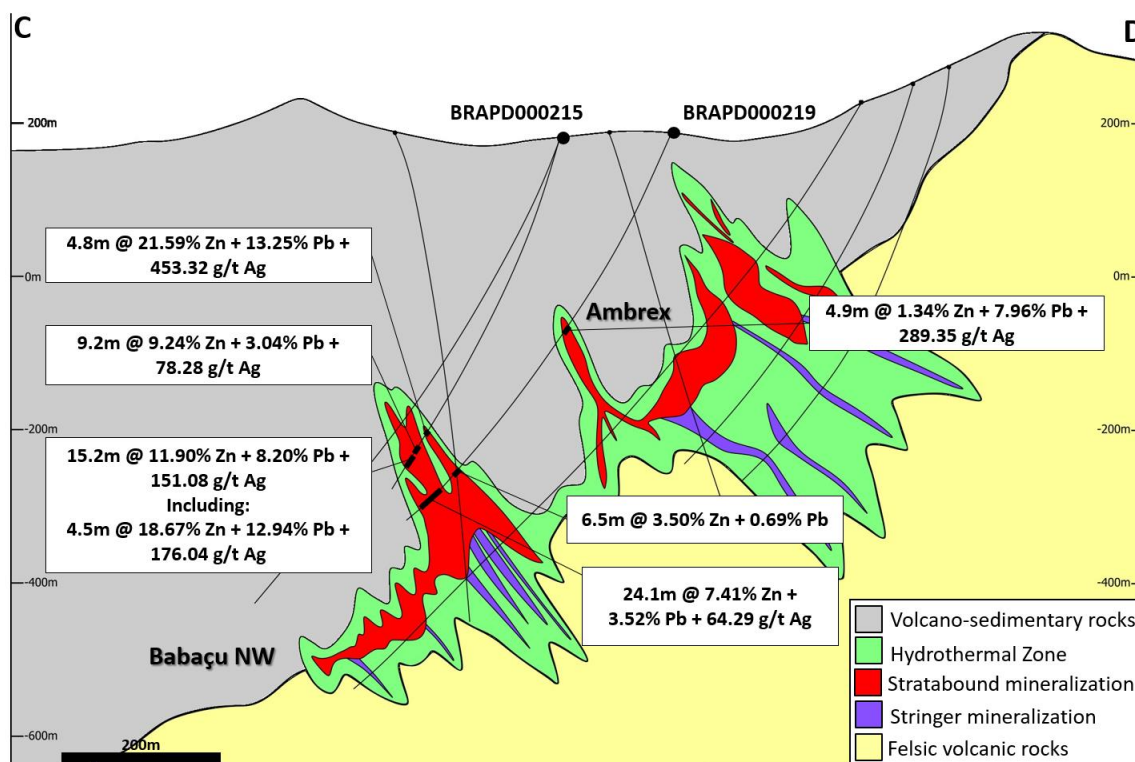
The results intercepted by drill holes throughout 3Q23 show that we are in line with the proposal to expand Mineral Reserves, with emphasis on hole BRAPD000187 intercepting 21.1 meters with 11.56% Zn, 5.08% Pb, 0.18% Cu, 50.24 g/ t Ag and 0.21 g/t Au, and drill hole BRAPD000215 intercepting 4.8 meters with 21.59% Zn, 13.25% Pb, 0.07% Cu, 453.32 g/t Ag and 0.28 g/t Au, and hole BRAPD000196, which intercepted 10.9 meters with 14.00% Zn, 4.51% Pb, 0.04% Cu, 130.08 g/t Ag and 0.16 g/t Au. All drilled holes have multiple mineralized intervals with high polymetallic content, as shown in the table below.

ARIPUANĂ - 3Q23 - MAIN INTERSECTIONS									
Hole_id	Ore body	From	To	Length	Zn%	Pb%	Cu%	Ag g/t	Au g/t
BRAPD000187	Babaçu	632.0	638.3	6.3	4.99	1.67	0.20	24.06	0.09
And	Babaçu	647.6	662.0	14.4	7.74	2.92	0.07	108.70	0.47
And	Babaçu	666.0	682.0	16.0	5.05	1.66	0.05	31.17	0.06
And	Babaçu	692.0	715.7	23.7	3.70	2.08	0.01	44.37	0.05
And	Babaçu	758.9	780.0	21.1	11.56	5.08	0.18	50.24	0.21
And	Babaçu	790.8	808.0	17.1	1.32	0.15	0.88	22.15	0.65
And	Babaçu	808.0	818.6	10.6	8.30	1.92	0.07	28.54	0.10
And	Babaçu	821.2	831.7	10.5	4.89	1.80	0.15	45.90	0.13
And	Babaçu	840.4	844.6	4.2	6.54	0.90	0.21	33.34	0.11
BRAPD000186	Babaçu	529.9	534.5	4.6	12.87	7.25	0.63	388.78	0.40
And	Babaçu	549.1	565.0	15.9	6.28	1.90	0.03	47.73	0.14
Including	Babaçu	556.9	565.0	8.1	9.26	2.71	0.04	61.44	0.24
And	Babaçu	590.0	615.0	25.0	12.25	3.65	0.04	109.77	0.16
Including	Babaçu	590.7	597.2	6.6	17.01	5.24	0.04	186.53	0.12
Including	Babaçu	599.5	613.6	14.1	13.55	4.00	0.04	106.03	0.21
BRAPD000185	Babaçu	455.0	462.7	7.7	10.68	4.73	0.03	191.53	0.12
And	Babaçu	464.9	480.1	15.3	12.43	7.87	0.02	141.60	0.15
Including	Babaçu	467.0	471.2	4.2	17.08	9.30	0.03	200.28	0.19
And	Babaçu	491.0	500.0	9.0	4.16	0.15	0.04	6.95	0.04
And	Babaçu	525.0	544.2	19.2	3.91	2.30	0.10	92.92	0.06
And	Babaçu	557.8	564.7	6.9	0.26	0.48	2.88	55.36	1.57
BRAPD000180	Babaçu	702.5	708.5	6.0	0.02	0.00	0.22	4.43	0.82
And	Babaçu	716.5	721.1	4.6	0.15	0.40	0.51	14.12	0.39
And	Babaçu	724.9	729.4	4.5	0.06	0.00	0.68	12.46	0.56
And	Babaçu	741.5	758.5	17.0	0.03	0.17	1.00	20.46	1.00
And	Babaçu	767.9	772.1	4.2	0.05	0.02	0.59	12.02	0.37
And	Babaçu	802.0	806.0	4.0	1.51	3.24	0.04	53.18	1.02
And	Babaçu	878.5	883.1	4.6	0.04	0.00	0.83	27.58	0.32
And	Babaçu	896.0	908.0	12.0	0.87	0.25	0.81	28.15	0.30
BRAPD000215	Babaçu	439.4	444.1	4.8	21.59	13.25	0.07	453.32	0.28
And	Babaçu	464.5	473.7	9.2	9.24	3.04	0.07	78.28	0.06
And	Babaçu	478.8	494.0	15.2	11.90	8.20	0.12	151.08	0.19
Including	Babaçu	481.0	485.5	4.5	18.67	12.94	0.06	176.04	0.25
BRAPD000216	Ambrex	157.1	161.5	4.4	14.79	5.52	0.08	72.21	0.35
And	Ambrex	172.7	177.0	4.3	3.80	0.94	0.02	26.16	0.09
And	Ambrex	192.0	216.2	24.2	6.96	2.36	0.19	81.43	0.09
And	Ambrex	427.6	446.0	18.4	3.34	2.19	0.02	88.35	0.08
And	Ambrex	454.0	465.7	11.7	2.70	1.37	0.03	50.52	0.10
And	Ambrex	472.8	477.2	4.4	4.81	5.72	0.01	221.73	0.20
And	Babaçu	651.9	668.0	16.1	4.95	3.62	0.03	74.29	0.10
And	Babaçu	694.0	702.0	8.0	2.74	3.31	0.07	74.00	0.57
And	Babaçu	703.3	719.4	16.1	0.09	0.01	0.96	34.04	0.53
And	Babaçu	743.0	747.0	4.0	0.72	0.42	2.48	79.21	1.28
And	Babaçu	747.0	766.2	19.2	6.39	2.33	0.20	28.94	0.22
And	Babaçu	770.8	784.9	14.1	6.77	2.60	0.02	42.89	0.10
And	Babaçu	892.0	907.9	15.9	5.05	1.37	0.22	35.56	0.20
And	Babaçu	921.4	943.3	21.9	6.59	1.61	0.17	45.75	0.06
And	Babaçu	973.8	991.1	17.3	5.55	2.51	0.28	42.34	0.09
BRAPD000217	Ambrex	308.7	322.6	13.9	4.84	3.05	0.05	127.95	0.07
And	Babaçu	532.1	544.1	12.0	9.14	3.88	0.02	128.60	0.12
And	Babaçu	565.3	573.1	7.8	5.52	0.47	0.02	9.72	0.06
And	Babaçu	587.6	599.0	11.5	8.76	3.58	0.03	57.30	0.14
And	Babaçu	601.4	625.6	24.2	7.32	3.52	0.03	45.37	0.10
And	Babaçu	635.9	649.2	13.3	3.05	1.00	0.03	40.09	0.03
And	Babaçu	725.6	730.0	4.5	2.27	2.11	0.01	68.51	0.06
And	Babaçu	804.3	812.5	8.2	3.28	1.13	0.83	100.14	0.17
And	Babaçu	869.6	877.2	7.5	7.33	2.06	0.24	186.10	0.79
BRAPD000219	Ambrex	310.0	314.9	4.9	1.34	7.96	0.04	289.35	0.10
And	Babaçu	543.5	550.0	6.5	3.50	0.69	0.04	23.83	0.02
And	Babaçu	591.6	615.7	24.1	7.41	3.52	0.03	64.29	0.15
BRAPD000189	Babaçu	567.0	571.0	4.0	1.63	3.09	0.05	102.86	0.05
And	Babaçu	601.0	605.0	4.0	4.45	1.20	0.01	56.26	0.01
And	Babaçu	657.3	668.0	10.7	6.55	1.77	0.37	111.18	0.65
And	Babaçu	718.0	722.0	4.0	2.46	0.90	0.01	16.45	0.01
And	Babaçu	744.8	751.3	6.5	2.46	2.24	0.02	52.50	0.05
And	Babaçu	770.6	778.9	8.3	14.92	5.50	0.19	115.38	0.29
BRAPD000196	Babaçu	650.1	660.9	10.9	14.00	4.51	0.04	130.08	0.16
And	Babaçu	717.4	729.5	12.1	6.10	2.14	0.05	62.14	0.11
And	Babaçu	735.0	739.2	4.2	2.09	1.53	0.07	44.39	0.07
And	Babaçu	804.3	816.9	12.7	3.54	2.15	0.01	146.64	0.03

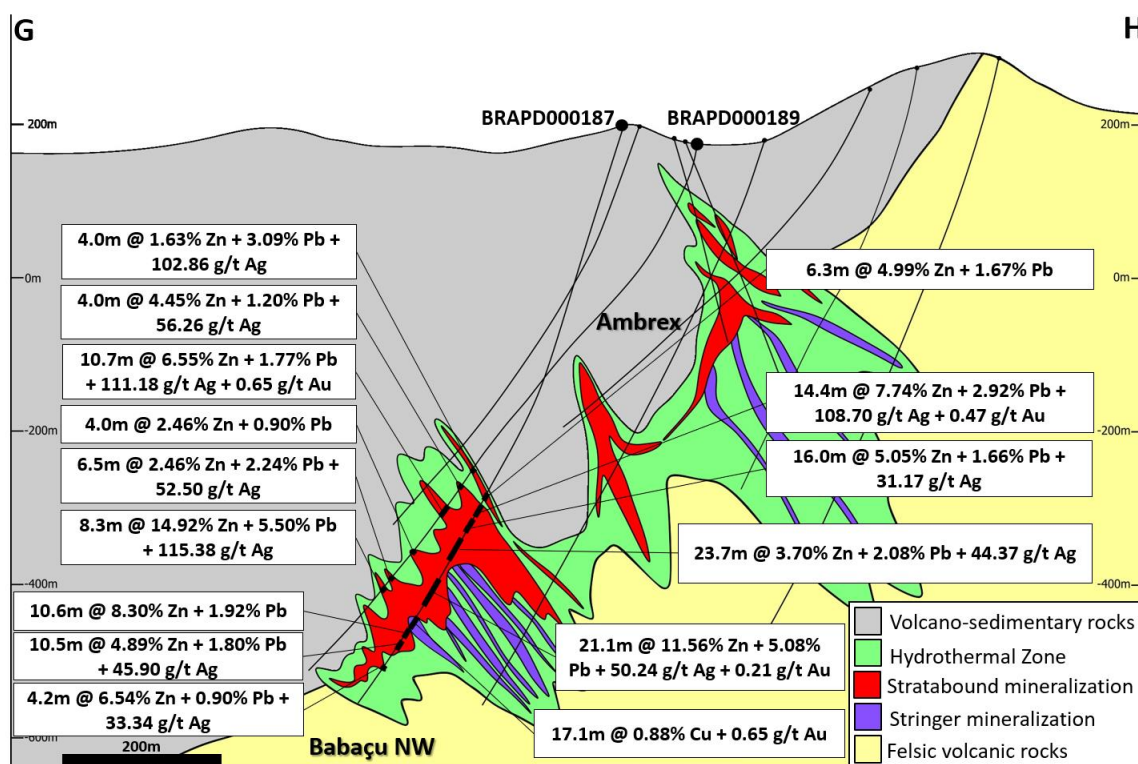
Note: Intervals with assays not reported here have no consistent samples > 3.0% Zinc or >0.5% Copper or >0.5 g/t Gold or assay results are pending. True widths of the mineralized intervals are unknown at this time. PAR refers to pending assay results.











In 4Q23, we will focus on completing an exploratory infill drilling program totaling 1,800 meters with three rigs for the reclassification of Inferred Mineral Resources to Indicated Mineral Resources at the Babaçu deposit and to support our goal of increasing the mine's Mineral Reserves.

## El Porvenir

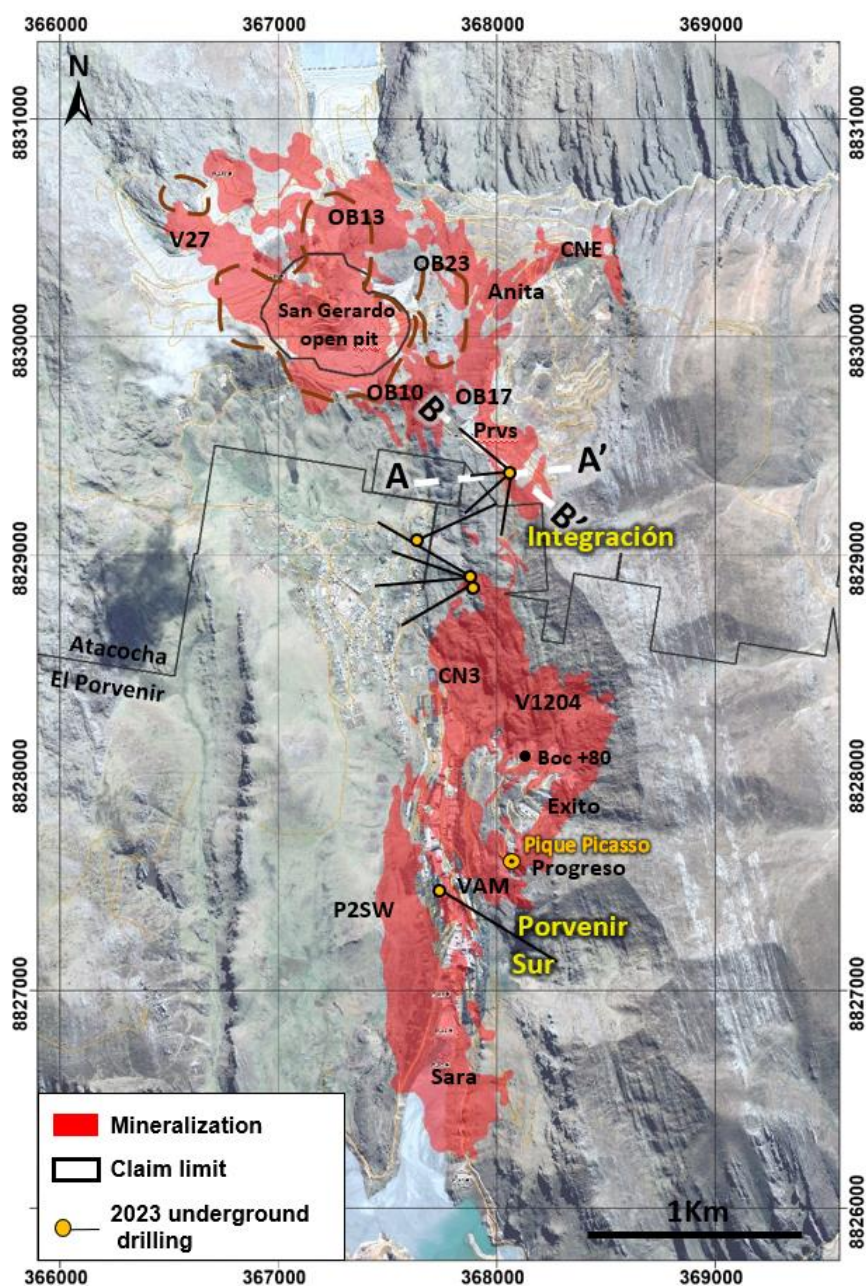
The exploration drilling strategy at El Porvenir continues to focus on extending existing satellite mineralized bodies along with the strike and at depth. In 3Q23, 1,879 meters of exploratory underground drilling was carried out with one rig and 9,903 meters of mining infill drilling, totaling 7,982 meters and 34,441 meters in 9M23, respectively.

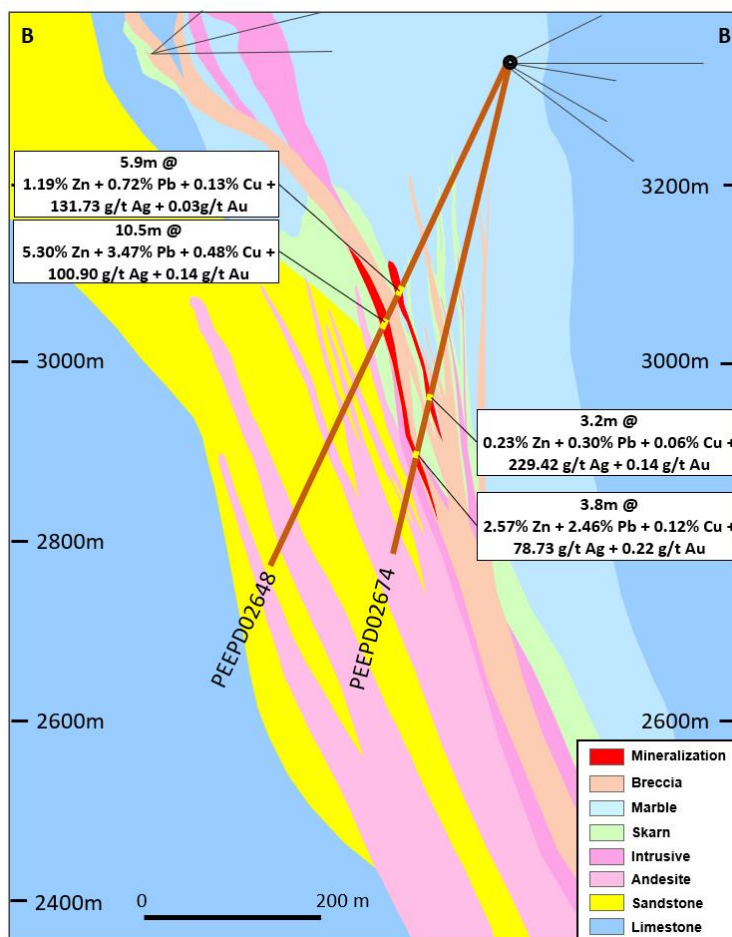
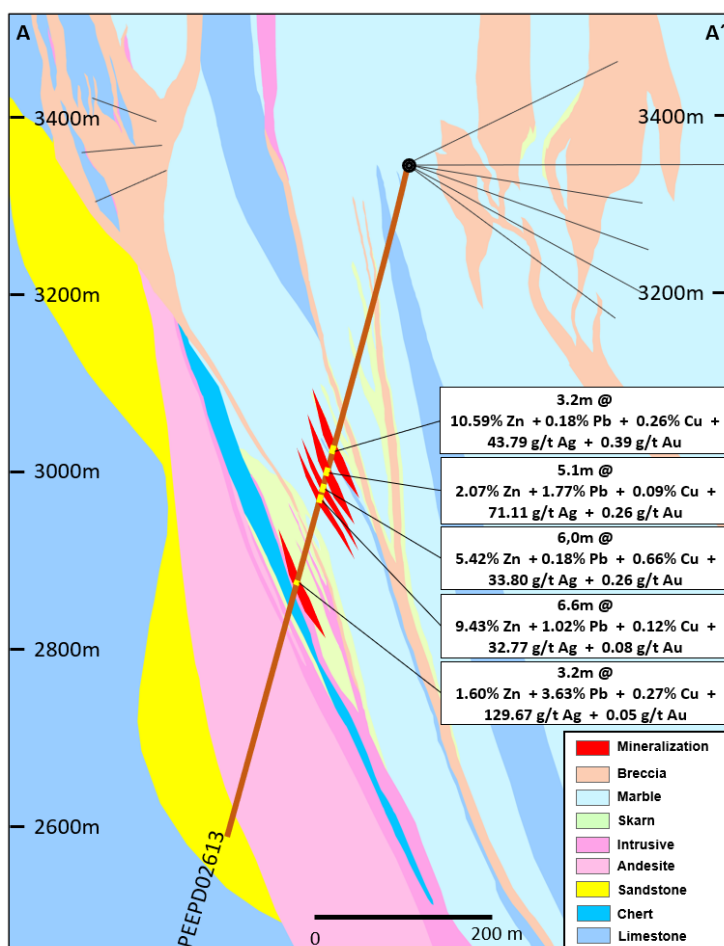
The drilling program, which focused on the extension of known mineralization at the Integración body, had only 800 meters scheduled for this quarter, but due to the positive results arising out of this last program, it was extended, scheduling a further 2,400 meters divided between 3Q23 and 4Q23.

We continue drilling the Integración body from the 3300 level and results intercepted during 3Q23 confirmed the extent of mineralization with high metallic content, as evidenced in hole PEEPD02613 with multiple intercepts: 3.2 meters with 10.59% Zn, 0.18% Pb, 0.26% Cu, 43.79 g/t Ag and 0.39 g/t Au, and 6.6 meters with 9.43% Zn, 1.02% Pb, 0.12% Cu, 32.77 g/t Ag and 0.08 g/t Au, in addition to other results presented in the main intersections table below.

Hole_id	Ore body	From	To	Length	Zn%	Pb%	Cu%	Ag g/t	Au g/t
PEEPD02565	Integracion 3790	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
PEEPD02613	Integracion 3300	322.1	325.3	3.2	10.59	0.18	0.26	43.79	0.39
And	Integracion 3300	353.6	358.7	5.1	2.07	1.77	0.09	71.11	0.26
And	Integracion 3300	372.3	378.3	6.0	5.42	0.18	0.66	33.80	0.26
And	Integracion 3300	382.9	389.5	6.6	9.43	1.02	0.12	32.77	0.08
And	Integracion 3300	489.6	492.8	3.2	1.60	3.63	0.27	129.67	0.05
PEEPD02648	Integracion 3300	283.6	289.5	5.8	1.19	0.72	0.13	131.73	0.03
And	Integracion 3300	323.0	333.5	10.5	5.30	3.47	0.48	100.90	0.14
PEEPD02674	Integracion 3300	398.9	402.0	3.2	0.23	0.30	0.06	229.42	0.14
And	Integracion 3300	440.5	444.2	3.8	2.57	2.46	0.12	78.73	0.22
PEEPD02692	Integracion 3300	PAR	PAR	PAR	PAR	PAR	PAR	PAR	PAR

Note: Intervals with assays not reported here have no consistent samples > 2.0% Zinc + Lead or assay results are pending. True widths of the mineralized intervals are unknown at this time. NSI refers to no significant intercept. PAR refers to pending assay results.



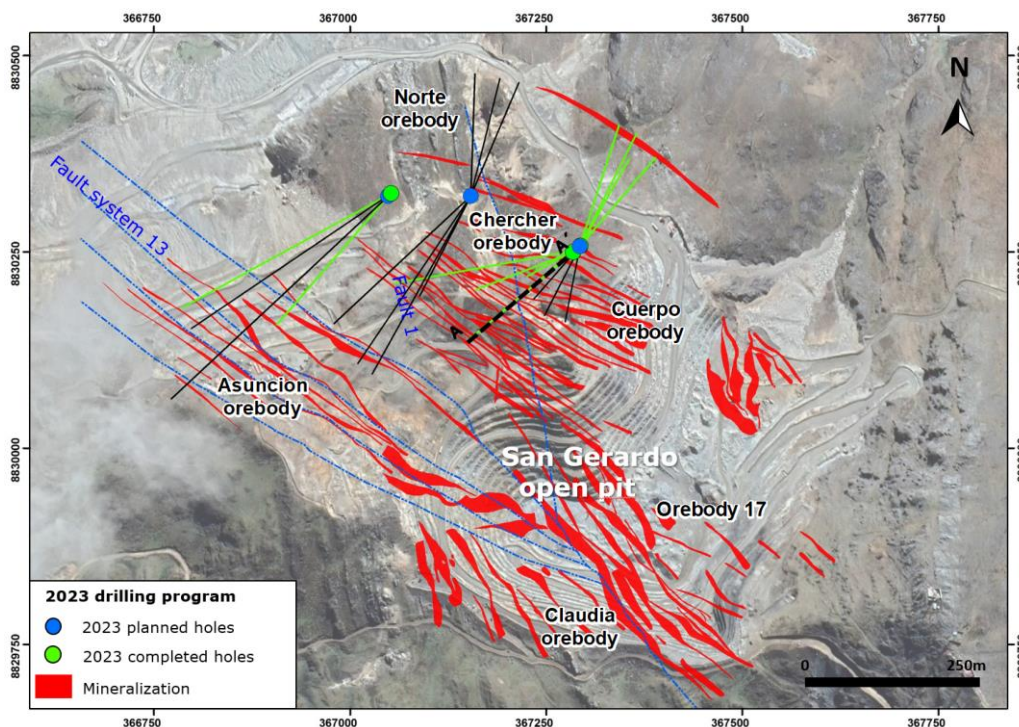




In 4Q23, we are scheduled to carry out 1,200 meters of drilling with one rig to complete the El Porvenir brownfield drilling program at the Integración target, aiming to expand mineralization in the lower zones of the mine.

## Atacocha

Due to community protests, the drilling program planned for 3Q23 was not carried out, drilling will resume in 4Q23, but only with 1,000 meters with one rig at the Asunción and Chercher ore bodies.



## Morro Agudo

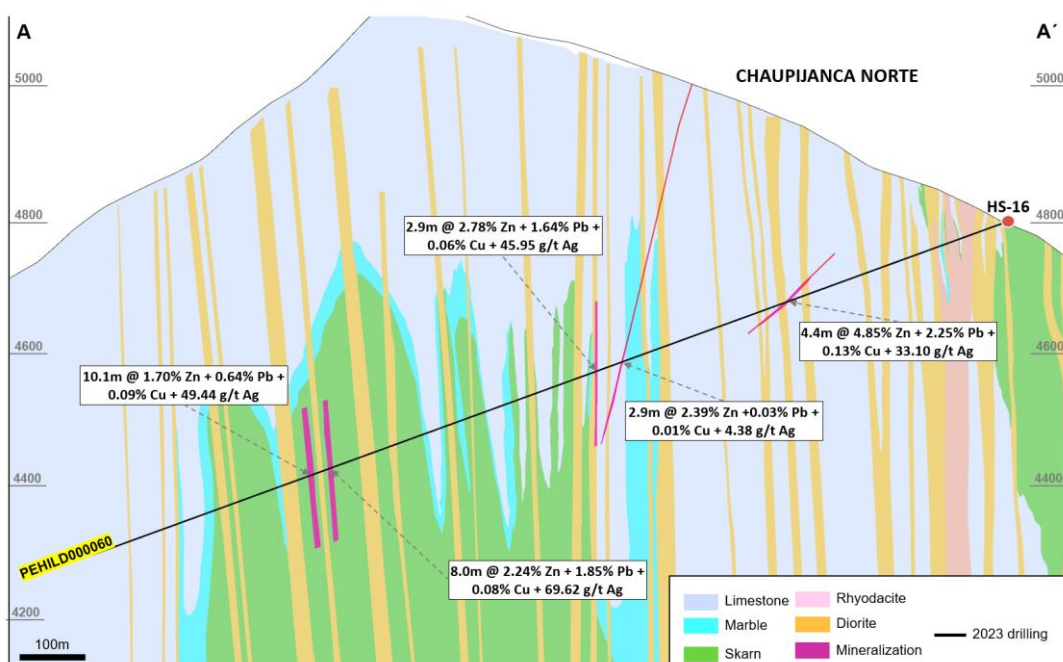
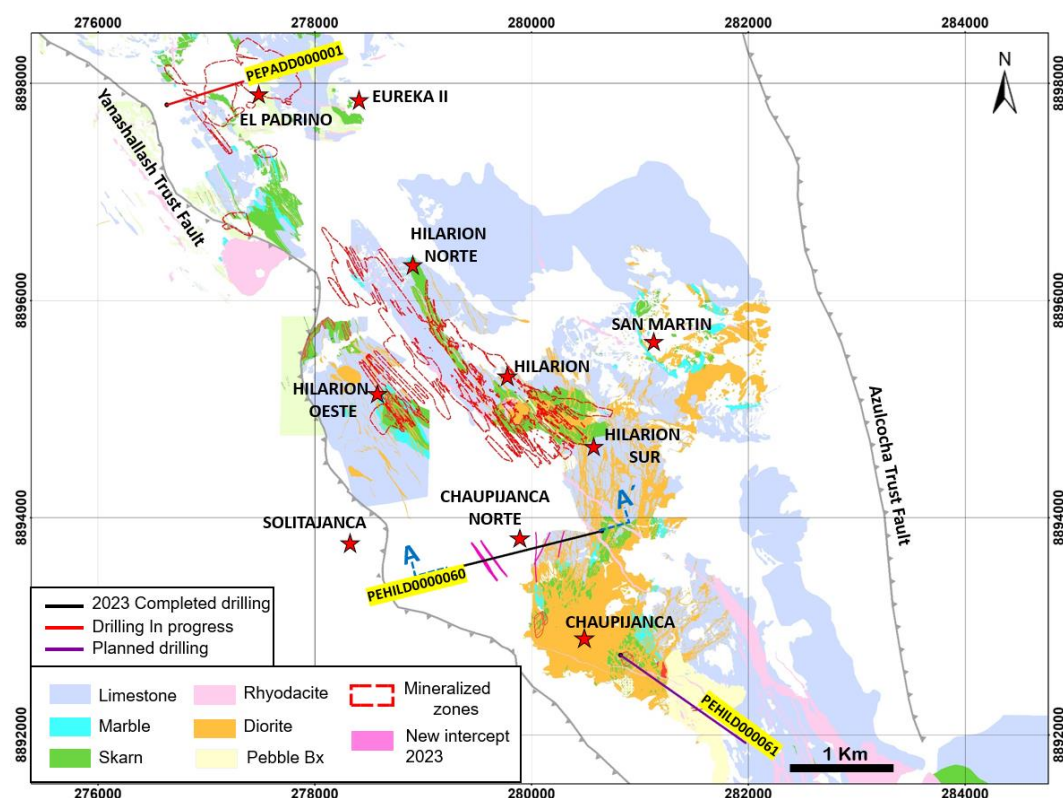
In 3Q23, 1,818 meters of mining infill drilling was carried out in the underground mine at Morro Agudo, totaling 4,959 meters in 9M23. No exploratory drilling was carried out in the Morro Agudo/Bonsucesso areas.

## Hilarión

The 2023 exploration drilling program started in 3Q23 totaling 2,448 meters with two rigs at the El Padrino and Chaupijanca Norte targets. Drilling began at the Chaupijanca Norte target, completing the PEHILD000060 drill hole with the objective of exploring the continuity of the Hilarión Oeste mineralization in the Southeast trend, intercepting a 4.4-meter vein with 4.85% Zn, 2.25% Pb, 0.13 % Cu, 33.10 g/t Ag and 0.01 g/t Au, and other intercepts shown in the main intersections table. In September, drilling began at the El Padrino target, with the aim of finding areas with higher Cu content. The PEPADD000001 drillhole intercepted mineralized zones of Skarn and porphyry, respectively, with the presence of marmatite and galena, a stockwork zone of veins of quartz-pyrite, molybdenite and chalcopyrite and at greater depth an intrusive quartz monzonite with a porphyritic texture. We drilled more meters than planned, anticipating production with the use of two drill rigs.

HILARION - 3Q23 - MAIN INTERSECTIONS									
Hole_id	Ore body	From	To	Length	Zn%	Pb%	Cu%	Ag g/t	Au g/t
PEHILD000060	Chaupijanca Norte	355.2	359.6	4.4	4.85	2.25	0.13	33.10	0.01
And	Chaupijanca Norte	593.8	596.7	2.9	2.39	0.03	0.01	4.38	0.00
And	Chaupijanca Norte	625.6	628.5	2.9	2.78	1.64	0.06	45.95	0.01
And	Chaupijanca Norte	1106.1	1114.1	8.0	2.24	1.85	0.08	69.62	0.02
And	Chaupijanca Norte	1144.8	1154.8	10.1	1.70	0.64	0.09	49.44	0.02
PEPADD000001	El Padrino	PAR	PAR	PAR	PAR	PAR	PAR	PAR	PAR

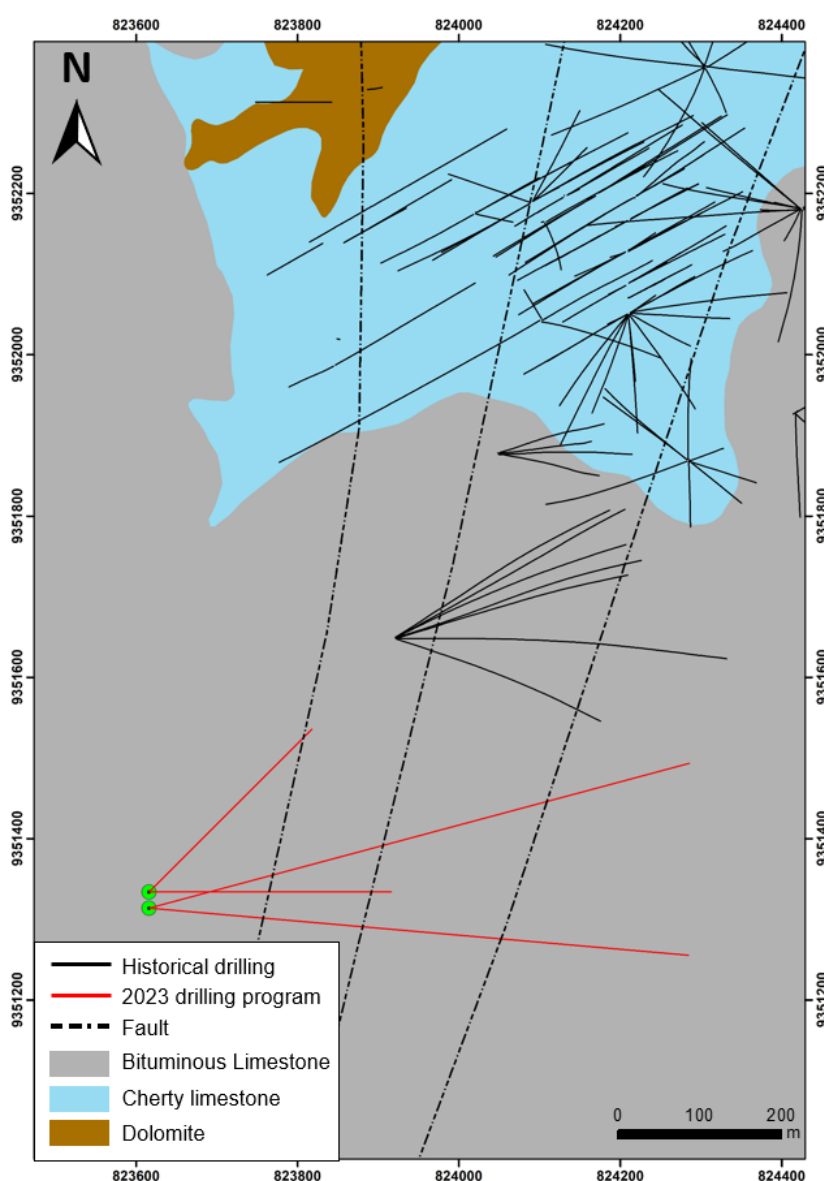
Note: Intervals with assays not reported here have no consistent samples > 2.0% Zinc + Lead or assay results are pending. True widths of the mineralized intervals are unknown at this time. NSI refers to no significant intercept. PAR refers to pending assay results.



In 4Q23, a total of 2,050 meters of exploratory drilling is planned with two rigs, including 1,500 meters at the Chaupijanca target and 550 meters at the El Padrino target. At the Chaupijanca South target, we plan to investigate areas with favorable structures for mineralization that on the surface appear as lenticular bodies of massive sulfides measuring 12.3 meters @11.06% Zn, 2.57% Pb, 3.05% Cu, and 437.93 g/t Ag.

## Florida Canyon

There were no drilling activities at Florida Canyon in 3Q23. Drilling began on the last business day of 3Q23. The delay in starting the drilling program was due to the lack of availability of a helicopter contracted to mobilize drilling materials in early September. As a result, the entire drilling program in the project was postponed until 4Q23. In September, construction and maintenance of the motorized trail, which aims to reach the La Florida Annex also began, with a current progress of 25% opening. The completion of this activity is scheduled for November. The maintenance and opening program aim to reduce logistical costs with the transportation of inputs and drilling equipment.



In 4Q23, we plan to drill 2,770 meters with two rigs to test the southern extension of the current Florida Canyon Mineral Resources deposit.



## Namibia

During 3Q23, drilling activities focused on the Deblin and Ondjondjo targets of the Namibia North project. Exploratory work in Namibia is targeting high-grade copper sediment deposits along the fertile Tsumeb belt.

### Otavi Project

No drilling activities were carried out at the Otavi project during 3Q23. Geophysical survey was executed in strategic areas to support drilling activities in 2024.

### Namibia North Project

During 3Q23, drilling activity not only continued to focus on the extensions of the known mineralization from the Deblin trend, but we also started exploratory drilling on new targets along important copper trends in the belt. Exploratory work in Namibia is targeting high-grade copper sediment deposits along the fertile OML (Otavi Mountainlands belt). A total of 2,887 meters of exploratory drilling was carried out during 3Q23, totaling 3,765 meters in 9M23.

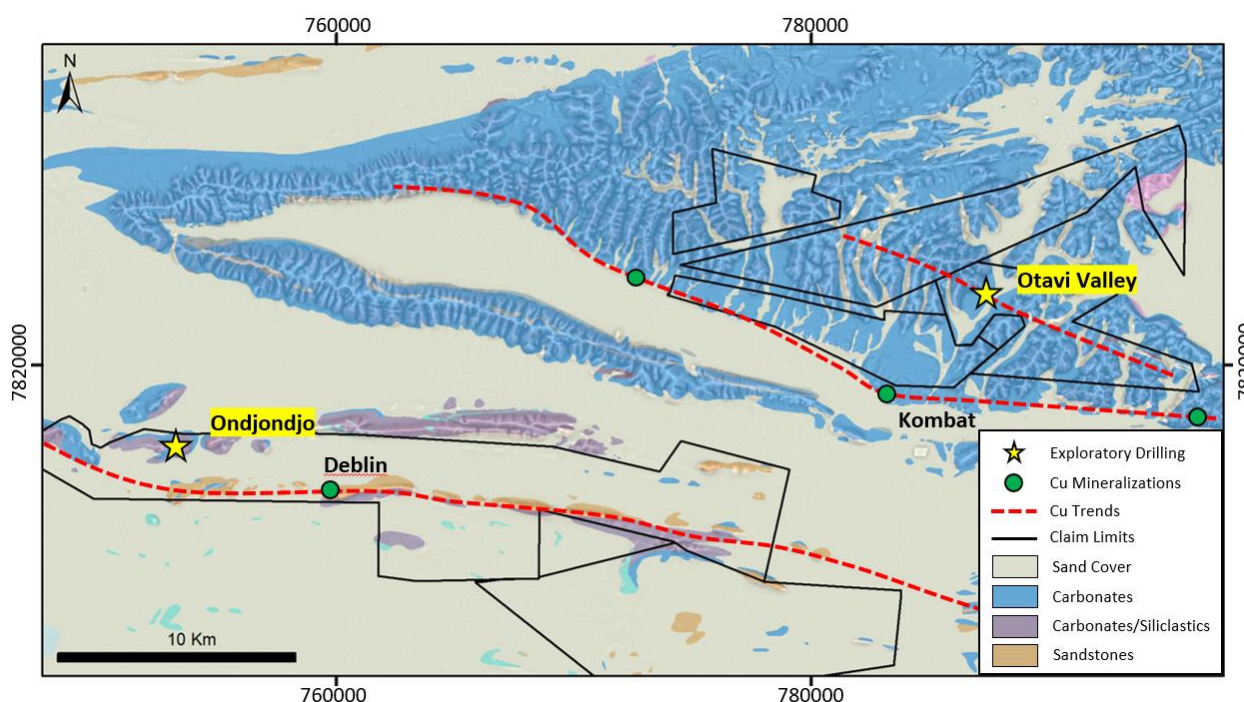
In 3Q23, exploration drilling in Deblin target performed 1,211 meters in three holes to test Deblin mineralization extension. NANAND000057 identified strong hydrothermal alteration envelope along with visible copper displays, which suggests mineralization is still open to the west.

Still under the Deblin Exploratory License, exploratory drilling started at the Ondjondjo target located only six kilometers from Deblin. During the period, a total of 949 meters of exploratory drilling were carried out at this target, with NANAND000062 confirming evidence of polymetallic content (Cu-Zn-Pb). The drillholes samples are pending assays results.

Additionally, as part of the project's exploratory drilling program, a second rig is currently drilling at the Otavi Valley target, which is located near the former Kombat mine and several known copper prospects.

Namibia - 3Q23 - MAIN INTERSECTIONS									
Hole_id	Target	From	To	Length	Zn%	Pb%	Cu%	Ag g/t	Au g/t
NANAND000057	Deblin	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NANAND000058	Askevold	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NANAND000059	Ondjondjo	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NANAND000060	Ondjondjo	PAR	PAR	PAR	PAR	PAR	PAR	PAR	PAR
NANAND000061	Otavi Valley	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NANAND000062	Otavi Valley	NSI	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NANAND000063	Ondjondjo	PAR	PAR	PAR	PAR	PAR	PAR	PAR	PAR

*Note: Intervals with assays not reported here have no consistent samples > 0.5% Copper or assay results are pending. True widths of the mineralized intervals are unknown at this time. NSI refers to no significant intercept. PAR refers to pending assay results.*



We will move forward with our drilling program in 4Q23, intensifying drilling with two rigs, to further investigate polymetallic mineralization identified at the Ondjondjo target with 2,000 meters and to test prospective structures at the Otavi Valley target.

### Note 1 – Laboratory Reference

The laboratories used to test our assays were: ALS Global for Brazil, Namibia, and Peruvian Greenfield and brownfield projects; Certimin S.A. for Cerro Lindo; and Inspectorate Limited for El Porvenir.

### Technical Information

Jose Antonio Lopes, MAusIMM (Geo): 224829, a mineral resources manager, a qualified person for purposes of National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* and a Nexa employee, has approved the scientific and technical information contained in this news release.

Further information, including key assumptions, parameters, and methods used to estimate Mineral Reserves and Mineral Resources of the mines and/or projects referenced in the tables above can be found in the applicable technical reports, each of which is available at [www.sedar.com](http://www.sedar.com) under Nexa's SEDAR profile.

### About Nexa

Nexa is a large-scale, low-cost integrated zinc producer with over 65 years of experience developing and operating mining and smelting assets in Latin America. Nexa currently owns and operates five long-life mines - three located in the Central Andes of Peru and two located in the state of Minas Gerais in Brazil - and it is ramping up Aripuanã, its sixth mine in Mato Grosso, Brazil. Nexa also currently owns and operates three smelters, two located in Minas Gerais, Brazil and one in Peru, Cajamarquilla, which is the largest smelter in the Americas.

Nexa was among the top five producers of mined zinc globally in 2022 and one of the top five metallic zinc producers worldwide in 2022, according to Wood Mackenzie.

### Cautionary Statement on Forward-Looking Statements

This news release contains certain forward-looking information and forward-looking statements as defined in applicable securities laws (collectively referred to in this news release as “forward-looking statements”). All statements other than statements of historical fact are forward-looking statements. The words “believe,” “will,” “may,” “may have,” “would,” “estimate,” “continues,” “anticipates,” “intends,” “plans,” “expects,” “budget,” “scheduled,” “forecasts” and similar words are intended to identify estimates and forward-looking statements. Forward-looking statements are not guarantees and involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of NEXA to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Actual results and developments may be substantially different from the expectations described in the forward-looking statements for a number of reasons, many of which are not under our control, among them, the activities of our competition, the future global economic situation, weather conditions, market prices and conditions, exchange rates, and operational and financial risks. The unexpected occurrence of one or more of the abovementioned events may significantly change the results of our operations on which we have based our estimates and forward-looking statements. Our estimates and forward-looking statements may also be influenced by, among others, legal, political, environmental or other risks that could materially affect the potential development of our projects, including risks related to outbreaks of contagious diseases or health crises impacting overall economic activity regionally or globally.

These forward-looking statements related to future events or future performance and include current estimates, predictions, forecasts, beliefs and statements as to management’s expectations with respect to, but not limited to, the business and operations of the Company and mining production our growth strategy, the impact of applicable laws and regulations, future zinc and other metal prices, smelting sales, CAPEX, expenses related to exploration and project evaluation, estimation of mineral reserves and/or mineral resources, mine life and our financial liquidity.

Forward-looking statements are necessarily based upon a number of factors and assumptions that, while considered reasonable and appropriate by management, are inherently subject to significant business, economic and competitive uncertainties and contingencies and may prove to be incorrect. Statements concerning future production costs or volumes are based on numerous assumptions of management regarding operating matters and on assumptions that demand for products develops as anticipated, that customers and other counterparties perform their contractual obligations, full integration of mining and smelting operations, that operating and capital plans will not be disrupted by issues such as mechanical failure, unavailability of parts and supplies, labor disturbances, interruption in transportation or utilities, adverse weather conditions, and other COVID-19 related impacts, and that there are no material unanticipated variations in metal prices, exchange rates, or the cost of energy, supplies or transportation, among other assumptions.

We assume no obligation to update forward-looking statements except as required under securities laws. Estimates and forward-looking statements involve risks and uncertainties and do not guarantee future performance, as actual results or developments may be substantially different from the expectations described in the forward-looking statements. Further information concerning risks and uncertainties associated with these forward-looking statements and our business can be found in our public disclosures filed under our profile on SEDAR+ ([www.sedarplus.com](http://www.sedarplus.com)) and on EDGAR ([www.sec.gov](http://www.sec.gov)).

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