

Delta Provides 2023 Year in Review at Its Delta-1 Thunder Bay, Ontario Gold Project

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Kingston, December 12, 2023 - [Delta Resources Ltd.](#) (TSXV: DLTA) (OTC Pink: DTARF) (FSE: 6GO1) ("Delta" or "the Company") is pleased to provide a summary of its exploration results from the Delta-1 Gold project located 50 km west of Thunder Bay, Ontario.

In 2023, Delta completed sixty (60) drill holes for a total of 19,620 metres at the Delta-1 project. This brings the total drilling at the property to eighty-six (86) drill holes or 26,288 metres, since Delta's 2019 acquisition of the project. Other exploration work at the property in 2023 include a geological mapping, prospecting and sampling program that covered approximately ten (10) square kilometres as well as a 3D induced polarization geophysical survey and a high-resolution drone magnetic survey.

The objective of this exploration program was to follow-up on Delta's discovery drill holes released in October 2022 and January 2023, including D1-22-18: 5.92 g/t Au over 31.0 metres including 14.8 g/t Au over 11.9 metres, D1-22-24: 6.49 g/t Au over 10.0 metres and D1-22-25: 130.0 g/t Au over 1.0 metre, 1.2 g/t Au over 20.0 metres and 1.66 g/t Au over 18.1 metres.

HIGHLIGHTS OF DELTA'S 2023 DRILLING PROGRAM:

DELTA GOLD ZONE: A gold mineralized zone was outlined over 1.8 kilometres long, extending from surface to a vertical depth of over 250 metres, with a true width of up to 100 metres (figures 1 and 2). The zone, which remains open on strike and at depth, is located immediately south of the Trans-Canada Highway, on a topographic high in an area that has largely been logged and where active logging is currently taking place. The area is largely uninhabited and there are no nearby lakes or rivers therefore greatly reducing any potential environmental issues.

STRUCTURAL CORRIDOR HOSTING THE GOLD: The gold mineralization is hosted by a structural corridor with intense alteration and high background in gold, that was traced over a strike length of approximately 4.5 kilometres (figure 1). This corridor remains largely unexplored.

EAST EXTENSION: East of the main gold mineralized zone, Delta has traced low-grade gold mineralization over a strike length greater than 600 metres (Figure 1), at shallow depths, with widely spaced drilling including D1-23-45: 0.63 g/t Au over 12.5 metres, D1-23-47: 0.30 g/t Au over 36.5 metres, D1-23-48: 0.30 g/t Au over 48.7 metres, D1-23-74: 0.49 g/t Au over 15.5 metres. These intercepts are believed to be part of gold-enriched halo of a higher-grade core that will be explored in future drilling.

WEST EXTENSION: West of the gold mineralized zone Delta has traced the gold mineralization with a 250-metre step-out drill hole that intersected 0.63 g/t Au over 10.5 metres (D1-23-83) These intercepts are believed to be part of gold-enriched halo of a higher-grade core that will be explored in future drilling.

STRUCTURAL CONTROLS OF THE GOLD MINERALIZATION: Drilling has provided extremely valuable information about the structural controls and geometry of the gold mineralized zone. Gold occurs in a stockwork of quartz-ankerite veinlets with 1-2% disseminated pyrite, trace arsenopyrite and occasional visible gold. The zone strikes 290° azimuth and dips steeply towards the north. At least one higher-grade shoot, approximately 300 metres of strike length, appears to plunge at 40° towards the west (Figure 2).

FULLY FUNDED FOR 2024: Following Delta's \$10M bought deal financing in May of 2023, Delta's exploration program is fully funded for 2024.

André Tessier, President and CEO commented: "What an exciting year 2023 has been for Delta Resources."

The Delta-1 Gold discovery is now shaping up to be very significant. Counting the western and eastern extensions to the Main Zone, the gold mineralization was intersected over 2.8 kilometres with a higher-grade core that is nearly one kilometre long. The structure that hosts the mineralization was traced over nearly five kilometres and is largely untested. This is a true testament to the size and potential of the mineralized system."

Tessier continued: "This has all occurred within one year. The year to come will surely bring its share of excitement as we continue our exploration with the extra knowledge we now have on the gold system."

Results from all 2023 drill holes that intersected the zone so far, are provided in Table 1 below.

TABLE 1 (part 1): Table of 2023 drill results intersecting the gold mineralized zone.

DRILL HOLE NO	Easting (UTM Zone 16)	Northing	Elevation (m)	Azimuth	Incl.	Length (m)	FROM (m)	TO (m)	Au Grade (g/t)	CORE LENGTH (m)
D1-23-26	289946	5385384	438	180	-58	300.0	8.70	138.50	0.37	129.80
D1-23-27	290051	5385389	435	180	-40	270.0	16.80	110.00	0.45	93.20
						incl.	16.80	77.00	0.54	60.20
D1-23-28	290051	5385390	434	180	-68	300.0	44.90	62.00	0.63	17.10
							105.00	117.60	1.91	12.60
						incl.	105.00	113.60	2.46	8.60
D1-23-29	290151	5385354	443	180	-40	231.0	79.00	85.00	2.29	6.00
							85.00	93.90	Late Diabase Dike	
							93.90	99.00	1.37	5.10
D1-23-30	290150	5385355	443	180	-65	303.0	51.20	59.10	0.62	7.90
							73.20	236.00	0.97	162.80
						incl.	73.20	139.00	2.06	65.80
						incl.	76.00	102.20	4.23	26.20
						incl.	79.00	80.10	49.91	1.10
							217.00	236.00	0.74	19.00
D1-23-31	290253	5385380	444	180	-40	247.5	36.00	133.00	1.29	97.00
						incl.	36.00	45.50	1.04	9.50
						incl.	58.00	133.00	1.54	75.00
						incl.	93.50	94.40	36.59	0.90
						incl.	124.10	125.00	46.81	0.90
							198.00	204.00	0.79	6.00
D1-23-32	290253	5385381	444	180	-65	303.0	42.30	280.50	0.55	238.20
							42.30	176.00	0.61	133.70
						incl.	54.00	76.50	1.25	22.50
							243.50	280.50	1.15	37.00
						incl.	271.50	280.50	2.62	9.00
D1-23-33	290367	5385355	450	180	-40	261.0	14.80	104.50	1.15	89.70
							14.80	36.00	2.87	21.20
						Incl.	23.00	24.00	45.44	1.00
							49.00	104.50	0.73	55.50
						incl.	103.00	104.50	12.05	1.50
							173.50	193.00	0.72	19.50
D1-23-34	290368	5385357	449	180	-70	144.3	33.00	142.00	0.86	109.00
						incl.	33.00	75.50	1.31	42.50
						incl.	33.00	45.00	2.08	12.00
						incl.	50.50	75.50	1.21	25.00
							115.50	142.00	1.11	26.50
D1-23-35	290464	5385361	436	180	-40	258.0	25.00	32.00	1.23	7.00
							89.00	143.00	0.80	54.00
							168.00	170.10	2.15	2.10
D1-23-36	290464	5385362	436	180	-65	354.0	41.00	50.00	1.76	9.00
							137.00	162.50	0.80	25.50

D1-23-37	289882 5385377 438	180	-70	312.0	18.00	122.60	0.37	104.60
					141.00	294.50	0.44	153.50
				incl.	272.10	289.60	2.06	17.50
D1-23-38	290602 5385206 446	180	-45	222.5	62.80	63.80	1636.00	1.00
					69.00	70.00	697.00	1.00
					90.00	95.00	1.73	5.00
					107.00	108.00	9.78	1.00
D1-23-39	290602 5385207 445	180	-70	378.0	68.20	107.00	0.70	38.80
					236.00	239.00	1.24	3.00
				incl.	251.00	257.00	1.24	6.00
D1-23-40	290709 5385221 431	180	-45	340.8	86.00	214.50	0.34	128.50
				incl.	130.00	146.40	0.92	16.40
				incl.	163.70	180.10	0.84	16.40

TABLE 1 (part 2): Table of 2023 drill results intersecting the gold mineralized zone.

DRILL HOLE NO	Easting Northing (UTM Zone 16)	Elevation (m)	Azimuth	Incl.	Length (m)	FROM (m)	TO (m)	Au Grade (g/t)	CORE LENGTH (m)
D1-23-41	290713 5385122 443	180	-45		225.0	25.80	31.50	1.05	5.70
						81.00	159.00	0.34	78.00
					incl.	81.00	111.50	0.58	30.50
D1-23-42	290595 5385295 443	180	-45		247.1	49.00	54.00	2.96	5.00
						76.00	80.10	3.34	4.10
D1-23-53	290364 5385203 452	180	-45		411.0	8.00	50.00	1.18	42.00
						22.00	23.00	37.80	1.00
D1-23-54	290144 5385547 425	180	-45		525.0	278.00	318.20	0.58	40.20
						302.90	318.20	1.00	15.30
						305.40	306.20	10.00	0.80
D1-23-60	290200 5385387 442	180	-45		276.0	25.50	154.00	1.79	128.50
						25.50	123.00	2.16	97.50
						25.50	90.00	2.56	64.50
						46.00	47.00	14.10	1.00
						75.00	76.50	51.40	1.50
						122.00	123.00	24.50	1.00
D1-23-61	290308 5385381 446	180	-45		300.0	13.00	165.40	0.58	152.40
						52.30	165.40	0.70	113.10
						13.00	16.00	1.62	3.00
						55.00	90.00	0.98	35.00
						140.00	165.40	1.18	25.40
D1-23-62	290605 5385206 444	330	-40		300.0	26.70	44.00	0.95	17.30
						71.00	83.00	0.55	12.00
						106.50	133.00	0.62	26.50
D1-23-64	290405 5385369 445	180	-45		300.0	61.50	107.70	0.47	46.20
						129.50	168.00	1.37	38.50
						143.00	151.60	4.82	8.60
D1-23-65	290534 5385339 436	180	-45		351.0	84.00	119.50	1.39	35.50
						84.00	109.00	1.81	25.00
D1-23-67	290659 5385262 435	180	-45		378.0	39.00	79.20	0.66	40.20
						59.00	79.20	0.95	20.20
						282.80	284.30	24.40	1.50
D1-23-68	290715 5385361 432	180	-45		600.0	237.50	303.40	0.54	65.90
						270.50	303.40	0.73	32.90
						406.00	446.50	0.80	40.50
						409.00	436.30	0.98	27.30
						539.50	540.50	12.50	1.00
						574.50	576.00	11.20	1.50
D1-23-69	290101 5385390 437	180	-60		276.0	48.80	76.60	2.25	27.80
						73.60	75.60	16.16	2.00

					120.10	141.20	0.46	21.10
				incl.	129.20	141.20	0.58	12.00
					153.20	161.00	0.82	7.80
					229.50	250.50	0.55	21.00
D1-23-70	289998 5385398 436	180	-45	300.0	39.60	97.00	0.38	57.40
				incl.	73.50	94.00	0.64	20.50
					258.50	259.80	7.78	1.30
D1-23-72	289926 5385057 455	360	-45	552.0	78.00	81.00	1.75	4.00
					277.50	280.50	1.82	3.00
					325.00	329.00	1.63	4.00
					403.10	422.00	1.49	18.90
				incl.	403.10	413.10	2.27	10.00
				and	408.10	411.10	5.20	3.00
					451.80	457.90	1.41	6.10
D1-23-77	290463 5385210 456	180	-40	165.0	36.00	47.50	1.05	11.50
D1-23-78	290263 5385242 459	180	-40	174.0	6.00	29.50	0.54	23.50
D1-23-82	289987 5385203 441	0	-45	348.0	137.50	155.50	0.54	18.00
					164.50	190.00	0.60	25.50
				incl.	164.50	167.50	3.30	3.00
D1-23-86	289831 5385059 445	0	-45	591.0	290.30	349.00	0.64	58.70
				incl.	340.00	349.00	2.20	9.00
					514.50	516.00	9.66	1.50

Geological Discussion

The Delta-1 project is located in the Shebandowan Greenstone Belt and covers a 19 km strike extent of the Shebandowan Structural Zone (only 3 km have been explored by Delta so far). Gold mineralization occurs within a broad corridor of highly altered (ankerite-calcite-silicification and albitization) rocks exhibiting highly anomalous gold values of up to 0.2 g/t gold. Higher-grade mineralization within this corridor is associated with a stockwork of quartz-ankerite-pyrite-gold veinlets, with increased density of these veinlets generally proportional to increased gold grade. The gold mineralized zones have so far been intersected for a strike of approximately 2.3 kilometres, with a higher-grade segment extending for nearly 950 metres. So far, the mineralized zone extends from surface to a vertical depth of approximately 250 metres. Mineralization strikes approximately 100 to 120 degrees azimuth, with a dip of 75-80 degrees north (shallower dips of 50N are observed in the western portion of the zone). Higher-grade, wide ore shoots are observed and appear to be plunging approximately 40 degrees towards the west, within this structural corridor. Similar ore shoots are often observed in structurally controlled gold deposits and often occur with a certain periodicity. The currently defined ore shoots are open at depth.

The Next Steps

Delta's team of geologists is currently compiling the wealth of geological, structural, and geochemical data accumulated since the beginning of this phase of drilling. The team is also interpreting the results from a 26.05-line kilometre 3D Induced Polarization survey covering 282 hectares, that covered the known mineralized zone and its extensions as well as the new structural data acquired through a televiewer probing survey of fourteen (14) strategically located drill holes. This multidisciplinary approach will be used to help vector towards new mineralized zones within the gold-bearing structure, helping to plan Delta's next phase of drilling due to start mid-January 2024.

Analytical Protocol and QA/QC

Chemical analyses reported in this press release were performed at AGAT Laboratories. AGAT Laboratories is accredited to ISO 17025 by the Standards Council of Canada (SCC). Sample preparation was performed in Thunder Bay, Ontario. Sampling and analytical procedures are subject to a comprehensive Quality Assurance and Quality Control program that includes duplicate samples, blanks, and analytical standards.

The following assaying protocol was adopted at Delta-1 to reduce the assay variability due to nugget effect caused by visible gold:

- If visible gold is observed in the sample or within the assumed mineralized zone, the assay is performed by Metallic Screening whereby the entire sample is crushed, a 1 kg portion is pulverized and screened to 106µm and analyzed by 50 g fire assay with gravimetric finish at the AGAT Laboratory in Thunder Bay, Ontario.
- If no visible gold is observed or outside of the mineralized zones, an initial assay is performed by 50 g Fire Assay with ICP-OES finish at the AGAT Laboratory in Thunder Bay, Ontario. If the assay result exceeds 2.0 g/t gold, remaining rejects are pulverized, a 1 kg portion is screened to 106µm and analyzed by 50 g fire assay with gravimetric finish at the AGAT Laboratory in Thunder Bay, Ontario.

NQ-size drill core was sawed in half lengthwise and half of the core was sampled and sealed in clean plastic bags before being shipped for assay. The remaining half of the core was replaced in core boxes and is stored at Delta's core storage facilities. Standards and blanks are inserted in the sequence of samples on site as quality assurance and quality control in addition to the regular insertion of blank, duplicate, and standard samples accredited by SGS Canada Minerals Laboratories during the analytical process.

Qualified Persons

Daniel Boudreau, P. Geo. and Manager of Exploration at [Delta Resources Ltd.](#), is the Qualified Persons as defined by NI-43-101. He has supervised the drilling program in the field and reviewed the technical information presented in this press release.

Ontario Junior Exploration Program

Delta Resources would like to acknowledge the financial support provided by the Ontario Government via the Ontario Junior Exploration Program ("OJEP"). Delta will be receiving up to \$200,000 upon completion of its exploration program at Delta-1.

Figure 1: Map of the Delta-1 Gold Zone, showing the outlines of the gold mineralization along with the alteration corridor that is hosting the gold mineralization. The East and West Extensions of the mineralized zone are also shown. The alteration corridor is defined over nearly five kilometres of strike length at Delta-1 (not all shown here).

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/8482/190672_96ad1927c4c2d9d3_003full.jpg

Figure 2: 3D model of the Delta-1 Gold Zone oriented as a longitudinal section, looking north. The illustration shows the Main Zone only. Both the eastern and western extensions are not shown.

To view an enhanced version of this graphic, please visit:
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About Delta Resources Limited

[Delta Resources Ltd.](#) is a Canadian mineral exploration company focused on growing shareholder value through the exploration of two very high-potential gold and base-metal projects in Canada.

DELTA-1 is Delta's flagship project, where the company is building gold ounces 50 kilometres west of Thunder Bay, Ontario, at surface and adjacent to the Trans-Canada highway. To date, the gold mineralization is defined over 1.8 km from surface to a vertical depth of 250 m. Highlights include drill intercepts such as 5.92 g/t Au over 31 m (incl. 14.8 g/t Au over 11.9 m), and 1.79 g/t Au over 128.5 m. The property covers 107 square kilometres and Delta has identified a 5 km long corridor of intense alteration and deformation at the property, on strike with the gold zone, that has yet to be thoroughly explored.

The DELTA-2 property covers 194 square kilometres in the prolific Chibougamau District of Quebec. The property holds excellent potential for gold-rich polymetallic VMS deposits as well as hydrothermal-gold deposits. Delta targets VMS deposits such as the LeMoine past producer where 0.76 Mt were mined

between 1975 and 1983, grading 9.6% Zn, 4.2% Cu, 4.5 g/t Au and 84 g/t Ag.

ON BEHALF OF THE BOARD OF [Delta Resources Ltd.](#)

Andre C. Tessier
President, CEO and Director
www.deltaresources.ca

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