

# Sanatana Mobilizes for 2023 IP Program Focusing on New Mineralization and Large IP Anomaly at the Oweegee Dome Project

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## Highlights

- New porphyry mineralization found in upper East Bear Creek of up to 0.42% Cu and 0.44% Au
- IP geophysical survey to expand on five anomalies revealed in 2022 program
- IP to enhance and define large IP anomaly and cover new mineralized zones in East Bear Creek

Vancouver, August 15, 2023 - [Sanatana Resources Inc.](#) (TSXV: STA) ("Sanatana", the "Company") is mobilizing field crews to return to the highly prospective Oweegee porphyry copper / epithermal gold prospect that straddles Highway 37 in BC's Golden Triangle.

The focus will be to conduct a 3-D IP survey on the Delta prospect and newly discovered East Bear Creek zones (see Figure 1). In 2022 the Company's 3-D IP survey revealed five separate IP anomalies (see Figure 2). The IP anomalies represent zones of chargeability interpreted to be pyrite / sulphide haloes around distinct and separate, porphyry copper systems. To date, Sanatana has only drill tested one IP chargeability system where the Company encountered significant copper, gold and molybdenum mineralization.

Buddy Doyle, President of Sanatana, stated, "The discovery of the East Bear Creek area was a significant addition to our knowledge of the Oweegee Dome project, unveiling new copper, precious metal and base metal mineralization as well as expanding the mineralized footprint to some 4.5km in extent."

The Snowpatch (upper and lower), Jack, Junction and Dome anomalies remain untested high-priority drill targets. The IP survey is designed to expand and further define the Junction anomaly which remains open to the east and to explore the mineralized and altered outcrops recently found at East Bear Creek.

Figure 1.

To view an enhanced version of Figure 1, please visit:

[https://images.newsfilecorp.com/files/2534/177255\\_b7a0990854457be9\\_001full.jpg](https://images.newsfilecorp.com/files/2534/177255_b7a0990854457be9_001full.jpg)

Figure 2. Plan view of the 3-D IP chargeability anomalies from the 2022 survey, redlines show proposed 2023 survey extension, green lines are current to date, drill hole traces.

To view an enhanced version of Figure 2, please visit:

[https://images.newsfilecorp.com/files/2534/177255\\_b7a0990854457be9\\_002full.jpg](https://images.newsfilecorp.com/files/2534/177255_b7a0990854457be9_002full.jpg)

The East Bear Creek zone, discovered in the last weeks of the 2022 season is a new area of significant mineralization and alteration hosted in intrusive The IP survey will test the concept that the Delta Ridge and Bear Creek could in fact be connected. These new systems, the Upper East Bear Creek area and the Lower East Bear Creek area, increase the mineralized footprint of the Delta Prospect 1km to the east and 1km to the north. Figures 3 and 4 depict the Upper and Lower Bear Creek zones respectively.

The well-mineralized monzonite porphyry at the Upper East Bear Valley has similar alteration (potassic ± albite / chlorite-sericite) and veinlet style (dark quartz ± banded texture with chalcopyrite ± pyrite ± magnetite ± bornite) as other shallow-level emplaced, high-K calc-alkalic, porphyry Cu-Au deposits, in the Golden Triangle. Table 1 summarizes list the mineralized rock chips and float samples from the Upper East Bear Creek area.

Table 1: Rock chip samples from the Upper Bear Valley

Sample No	Cu	Au	Ag	Mo	Pb	Zn
J000219	0.42%	0.44 g/t	2 g/t	2 ppm	8 ppm	255 ppm
J000318	0.29%	0.55 g/t	1 g/t	1 ppm	7 ppm	168 ppm
S848630	0.24%	0.30 g/t	4 g/t	4 ppm	9 ppm	30 ppm
J000179	0.21%	0.21 g/t	2 g/t	2 ppm	3 ppm	34 ppm
J000315	0.14%	0.21 g/t	2 g/t	2 ppm	6 ppm	219 ppm
J000045	0.12%	0.16 g/t	2 g/t	2 ppm	9 ppm	365 ppm
J000046	0.12%	0.10 g/t	2 g/t	2 ppm	6 ppm	238 ppm
J000050	0.10%	0.09 g/t	2 g/t	2 ppm	5 ppm	286 ppm

Table 2: Rock chip sample results from the Lower Bear Valley

Sample Number	Cu	Au	Ag	Mo	Pb	Zn
J000042	0.68%	3.03 g/t	25 g/t	1 ppm	313 ppm	8.72%
J000055	0.07%	0.86 g/t	3 g/t	11 ppm	74 ppm	2.64%
J000040	0.05%	1.00 g/t	3 g/t	21 ppm	77 ppm	2.04%
J000041	0.02%	0.30 g/t	1 g/t	2 ppm	77 ppm	0.56%

In the lower Bear Valley the presence of high zinc polymetallic veins, as highlighted in Table 2, is a characteristic of the periphery of a porphyry system. Soil sampling, anomalous in copper and white mica alteration highlighted by infrared spectrometer studies suggest another mineralization centre. As shown in Figure 4, the Lower Bear Creek zone is an extensive area of alteration and previously unmapped intrusive, the alteration is dominantly QSP.

Figure 3: Location of the Upper East Bear Creek zone with geology sketched in.

To view an enhanced version of Figure 3, please visit:

[https://images.newsfilecorp.com/files/2534/177255\\_b7a0990854457be9\\_003full.jpg](https://images.newsfilecorp.com/files/2534/177255_b7a0990854457be9_003full.jpg)

Figure 4: North Looking view of Lower Bear Creek zone, with geology sketched in, note the trace of the polymetallic vein and the porphyry dyke.

To view an enhanced version of Figure 4, please visit:

[https://images.newsfilecorp.com/files/2534/177255\\_b7a0990854457be9\\_004full.jpg](https://images.newsfilecorp.com/files/2534/177255_b7a0990854457be9_004full.jpg)

The technical information in this news release was prepared under the supervision of Buddy Doyle B.App Sc Geology, MAUSIMM. Mr. Doyle is a Qualified Person for the purposes of National Instrument 43-101 - Standards of Disclosure for Mineral Projects and has reviewed and approved the technical information disclosed in this news release.

#### About the Company

[Sanatana Resources Inc.](#) is a mineral exploration and development company focused on high-impact properties in Canada. With an award-winning technical team and experienced management and board of directors, Sanatana is based in Vancouver and is listed on the TSX Venture Exchange (TSXV: STA).

#### About Oweege Dome

Oweege Copper-Gold project is located in northern BC's Golden Triangle and is transected by Highway 37 and the Northwest Transmission line. Neighbouring projects include Seabridge Gold's KSM supergiant porphyry Cu-Au cluster, Newcrest's Brucejack gold-silver mine and Tudor Gold's Treaty Creek project. The Oweege Cu-Au project is hosted in a geologic environment only recently recognized as similar to other known large copper-gold porphyry deposits in British Columbia.

The 2022 drilling program consisted of 3,679m in 12 holes which tested a variety of geochemical, geological

and geophysical targets within a broad 2 by 4.5 km area.

[Sanatana Resources Inc.](#)

"Peter Miles"

Peter Miles  
Chief Executive Officer

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This news release includes "forward-looking statements" and "forward-looking information" within the meaning of Canadian securities legislation. All statements included in this news release, other than statements of historical fact, are forward-looking statements including, without limitation, statements related to the Company's exploration program for Oweegee.

Forward-looking statements and information can be identified by the use of words such as "plans", "expects", "intends", "is expected", "potential", "suggests" or variations of such words or phrases, or statements that certain actions, events or results "may", "could", "should", "would", "might" or "will" be taken, occur or be achieved. Forward-looking statements and information are not historical facts and are subject to a number of risks and uncertainties beyond Sanatana's control. Actual results and developments are likely to differ, and may differ materially, from those expressed or implied by the forward-looking statements contained in this news release. Accordingly, readers should not place undue reliance on forward-looking statements. The Company undertakes no obligation to update publicly or otherwise revise any forward-looking statements, except as may be required by law.

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