

SORRENTO RESOURCES ANNOUNCES SOIL AND ROCK SAMPLING RESULTS FROM COPPER-GOLD LORD BARON PROJECT, NEWFOUNDLAND

Vancouver, British Columbia – February 11th, 2025 – Sorrento Resources Ltd. (the "Company" or "Sorrento") (CSE: SRS) (OTCQB: SRSLF) a Canadian exploration company focused on the acquisition, exploration, and development of mineral projects in Atlantic Canada, is pleased to announce that it has received assay results from its September 2024 soil sampling and prospecting program on the Lord Baron Property

Highlights:

- B-Horizon Soil sample 246426 returned 0.577g/t Au
- Five B-Horizon soil samples returned anomalous (>100ppm) copper with sample 246421 returning 461ppm Cu
- Soil anomalies interpreted to correlate with a Northeast-Southwest trending structure
- Soil anomalies are open to the south
- Soil anomalies are <3km from the historic Whalesback and Little Deer Mines in a previously untested area
- <1km from the Clam Pond gold occurrence (Grab sample which assayed 0.56g/t Au)



Figure 1: Locations of the soil samples collected during September 2024. Copper results are displayed with graduated symbology.



Figure 2: Locations of the soil samples collected during September 2024. Gold results are displayed with graduated symbology.

Soil Sampling and Prospecting

Soil sampling and prospecting was carried out during September 2024 on the Lord Baron property and included the collection of 59 B-Horizon soil samples along with one grab sample. Soil samples were collected over a grid approximately 100m x 200m. Analytical results have now been received and reviewed by the company.

The soil sampling was concentrated in the Clam Pond area which has had very little prior exploration carried out despite being in close proximity to the historic Whalesback and Little Deer mines. A grab sample of a float boulder was collected in the area of the CSCJV-1 Cu-Au showing; however, it yielded no anomalous results.

The results of the soil sampling program are significant since they support the potential for there to be further

mineralization in the area. In addition, the soil anomalies are interpreted to correlate with a NE-SW trending fault structure. This fault is sub-parallel with the Whalesback and Little Deer mines geological structures. The company plans to follow up on this “first pass” exploration program with further soil sampling, prospecting, and heavy metal content (HMC) till sampling.

Table 1: Significant Analytical Results from Lord Baron Soil Sampling

Sample Number	Copper (ppm)	Gold (ppb)	Zinc (ppm)
246420	173	<5	53
246421	461	11	39
246422	101	<5	53
246426	52	577	66
246444	106	<5	37
246447	54	<5	159
246449	29	<5	121
246450	151	<5	77

About the Lord Baron Project

The Lord Baron Project is located on the Springdale peninsula, Newfoundland and Labrador near the towns of Springdale, Little Bay, and Beachside. The region has a rich mining history and is host to a skilled workforce, several diamond drilling contractors, a NI-43-101 compliant assay lab, and mining equipment and parts suppliers. In addition, it is adjacent to deep water ports, industrial hydroelectric power supply, and is in proximity to the Nugget Pond mill.

The Project consists of 15 individual mineral licenses made up of 256 individual claims for an area of 6,400ha. The Project is predominately underlain by rocks of the Lush’s Bight Group of the tectonostratigraphic Dunnage Zone of the Appalachian Orogen. The Lush’s Bight Group is a Cambro-Ordovician sequence of ophiolitic metavolcanic rocks representing a portion of the oceanic crust of the proto-Atlantic Ocean, the Iapetus Sea. The group has been metamorphosed to greenschist facies and has undergone extensive faulting related to the initial formation of oceanic crust as well as the Taconic and Acadian Orogenies.

The Lush’s Bight Group contains more base metal sulphide showings per square kilometer than any other group of rocks in Newfoundland. The showings typically occur in an envelope of chlorite schist.

Management Commentary

Alex Bugden, P. Geo., CEO, President and Qualified Person of Sorrento Resources Ltd., commented, “This is very exciting news with regards to the Lord Baron Project. This first pass exploration program has yielded impressive outcomes and highlights the potential for new discovery. Typically, any gold in soil which returns 50ppb or higher is considered anomalous, so to get 577ppb gold is impressive. We are keen to follow up on these results and further expand on them.”

Qualified Person

All rock and soil samples were submitted to Eastern Analytical in Springdale, Newfoundland, where they were analysed for gold by a 30-gram fire assay with an AA finish and a 34 -element ICP-OES package, using a 4-acid digestion. The Company incorporates a quality assurance/quality control (QAQC) program for the soil sampling program that included the regular insertion duplicates into the sample stream.

Alex Bugden, P. Geo., a Qualified Person in accordance with National Instrument 43-101, has reviewed and approved the technical information contained in this press release.

About Sorrento Resources Ltd.

Sorrento Resources is engaged in acquisition, exploration, and development of mineral property assets in Canada. The Company's objective is to locate and develop economic precious and base metal properties of merit including the Wing Pond, Lord Baron, The PEG lithium project, and the Harmsworth (VMS) project all located in Newfoundland.

On Behalf of The Board of Directors,

SORRENTO RESOURCES LTD.

"Signed"

Alex Bugden

President, Chief Executive Officer, and Qualified Person

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