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FOR IMMEDIATE RELEASE

Volt Carbon Technologies Announces Mount Copeland Glacier Zone Sampling Results Showing up to 0.34% Niobium (Nb_2O_5) and up to 0.24% Cerium (Ce_2O_3)

September 10, 2024, Calgary, AB, Canada – Volt Carbon Technologies Inc. ("Volt Carbon" or the "Company") (TSX-V: VCT) (OTCQB: TORVF) is pleased to announce that exploration has been completed at the Company's wholly owned Mount Copeland molybdenum, rare-earth, and niobium project.

Highlights

Mineralization was found to occur in the Glacier and Marble Ridge Zones, extending 300 meters east and west of the abandoned mine. These areas have been evaluated for niobium, rare-earth elements, and molybdenum. Highlights of Mo, Nb, and select REE geochemical analysis results from rock chip samples taken in August 2024 are summarized in the table below:

zone name	sample no	ppm Mo	ppm Nb	ppm La	ppm Ce	ppm Nd	ppm Pr	ppm Y
West Marble Ridge	24COP2	41	281	494	567	122	43.2	117.5
West Marble Ridge	24COP3	42	58.8	506	557	119.5	43.5	23.7
West Marble Ridge	24COP5	6	28.3	1055	1925	813	219	810
Glacier Zone	24COP7	16450	445	307	584	201	59.2	69.3
Glacier Zone	24COP9	2710	257	1105	2050	581	192.5	201
Glacier Zone	24COP11	14	331	410	641	185.5	57.6	142
Glacier Zone	24COP14	2	588	416	724	254	74	169
Glacial float	24COP16	2	509	338	589	175	55.1	276
Glacier Zone (east)	24COP20	>25000	2340	81.6	141	40.9	13.45	19.9
Glacier Zone (east)	24COP21	6930	1040	184.5	383	131.5	40.5	118

Figure1: ALS Geochemical analysis, ALS ME-MS89L sodium peroxide fusion, certificate KL24220952

The furthest east and closest to the glacier has the highest niobium content, including rock chip sample 24COP20 (see Figure 2), which returned an analysis of 2,340 ppm Nb, equivalent to 0.34% Nb_2O_5 and molybdenum in excess of 2.5%. The highest cerium (one of 15 rare-earth elements) was found in rock chip sample 24COP9, which returned an analysis of 2,050 ppm Ce, equivalent to 0.24% Ce_2O_3 in the Glacier Zone, while rock chip sample 24COP5 from Marble Ridge returned 1,925 ppm Ce, equivalent to 0.23% Ce_2O_3. Based on these results, management plans to expand exploration for niobium, rare-earth elements, and molybdenum on the Mount Copeland Project, including core drilling to target depth extensions of surface mineral zones in Glacier and Marble Ridge.

Niobium pentoxide (Nb2O5) is a promising high-rate (fast charging) anode material for lithium-ion batteries and compounds containing rare earths have diverse applications in electrical and electronic components, lasers, glass, magnetic materials, and industrial processes.

Quality Control

Volt Carbon's geotechnicians measured interval lengths using a tape measure, photographed each of the 22 rock chip sample sites, and collected hand specimen samples. ALS Canada Ltd. performed independent QA/QC analysis, which included the use of standards, blanks, and duplicate samples on the 22 submitted rock samples listed in Figure 1. Due

to the limited sample size, Volt Carbon did not implement additional internal duplicate samples or insert blanks and standards.

Figure 2: Rock chip sample 24COP20 at the furthest east and closest proximity to the glacier

Qualified Person

Andris Kikauka (P. Geo.), has prepared, reviewed and approved the scientific and technical information in this press release. Mr. Kikauka is an independent Qualified Person within the meaning of NI 43-101.

Historical Background

The Mount Copeland molybdenum deposit lies within metamorphic rocks flanking the southern margin of the Frenchman Cap Dome. The Frenchman Cap Dome is one of a series of gneiss domes located along the Shuswap Metamorphic Complex, centered 32 kilometers northwest of Revelstoke. Lenses of syenite pegmatite or syenite aplite are of economic interest. These lenses characteristically lie parallel to foliation, though they occasionally cross it. Massive disseminated molybdenite occurs randomly in the aplite and pegmatite lenses. Mining and milling took place on Mount Copeland from 1969 to 1974, during which 169,729 tonnes of ore produced 1,190,713 kg of molybdenum, with an average grade of 0.7% Mo or 1.05% MoS_2 (Source: Minfile). Although road access to the mill site and underground access to the mine site is currently inactive, rehabilitation of the road and tunnel to the Mount Copeland mineral zones are viable considerations to access the new mineralization from underground.

In 2010, Torch River Resources Ltd. completed rock sampling on the Mount Copeland property. Highlights include sample COPE10AR-20, which assayed 131,000 ppm cerium, 102,000 ppm lanthanum, 17,650 ppm neodymium, 7,700 ppm praseodymium, 6,190 ppm zirconium, 623 ppm yttrium, 527 ppm niobium, 284 ppm dysprosium, 1,200 ppm samarium, and 2.926% titanium (Assessment Report 31834).

The Glacier Zone aplite-pegmatite occurs in a fold limb or sill of syenite gneiss within calc-silicate rock. Minor constituents of the rock include zircon, sphene, apatite, magnetite, fluorite, pyrite, pyrrhotite, and molybdenite. Molybdenite exhibits various habits: it may be disseminated, form clumps and rosettes along hairline cracks, fill vugs, or occur as intergrowths with calcite, sericite, and potassium feldspar. Large molybdenite crystals contain inclusions of potassium feldspar, calcite, and zircon, and molybdenite is also found within potassium feldspar crystals, often concentrated around potassium feldspar megacrysts in the pegmatites. Pyrrhotite and pyrite are also distributed as disseminations, fracture fillings, and as lines or fillings in vugs.

About Volt Carbon Technologies

Volt Carbon is a publicly traded carbon science company, with specific interests in energy storage and green energy creation, with holdings in mining claims in the provinces of Ontario, Quebec and British Columbia in Canada. For the latest information on Volt Carbon's properties and news please refer to the website www.voltcarbontech.com.

On behalf of the Board of Directors,

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FORWARD LOOKING STATEMENTS: This press release contains forward-looking statements, within the meaning of applicable securities legislation, concerning Volt Carbon's business and affairs. In certain cases, forward-looking statements can be identified by the use of words such as "plans", "expects" or "does not expect", "intends" "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Such forward-looking statements include those with respect to: (i) exploration has been completed at the Company's wholly owned Mount Copeland molybdenum, rare-earth, and niobium project; (ii) rock chip sample 24COP20 (see Figure 2), which returned an analysis of 2,340 ppm Nb, equivalent to 0.34% Nb_2O_5 and molybdenum in excess of 2.5%; (iii The highest cerium (one of 15 rare-earth elements) was found in rock chip sample 24COP9, which returned an analysis of 2,050 ppm Ce, equivalent to 0.24% Ce_2O_3 in the Glacier Zone; (iv) Management plans to expand exploration for niobium, rare-earth elements, and molybdenum on the Mount Copeland Project, including core drilling to target depth extensions of surface mineral zones in Glacier and Marble Ridge*; (v) Niobium pentoxide (Nb2O5) is a promising high-rate (fast charging) anode material for lithium-ion batteries and compounds containing rare earths have diverse applications in electrical and electronic components, lasers, glass, magnetic materials, and industrial processes; (vi)*

Statements of past performance should not be construed as an indication of future performance. Forward-looking statements involve significant risks and uncertainties, should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether or not such results will be achieved. A number of factors, including those discussed above, could cause actual results to differ materially from the results discussed in the forward-looking statements. Any such forward-looking statements are expressly qualified in their entirety by this cautionary statement.

All of the forward-looking statements made in this press release are qualified by these cautionary statements. Readers are cautioned not to place undue reliance on such forward-looking statements. Forward-looking information is provided as of the date of this press release, and Volt Carbon assumes no obligation to update or revise them to reflect new events or circumstances, except as may be required under applicable securities legislation.