

NEWS >

New Application for Tellurium Displays “Unprecedented Performance” for Turning Waste Heat into Electricity

Vancouver, BC, Canada, May 23, 2018 – Deer Horn Capital Inc. (CSE: DHC) (the “Company” or “Deer Horn”), reports that scientists in Bangalore claim to have synthesized a novel thermoelectric material that displays “unprecedented performance” in turning waste heat into electricity. According to a recent story in *The Telegraph* daily newspaper out of Calcutta, this new material, made from silver, copper, and tellurium, shows high levels of thermoelectric performance that scientists hope may be harnessed to extract electricity from the waste heat of chemical, thermal, or steel power plants.

Kanishka Biswas, assistant professor at the Jawaharlal Nehru Centre for Advanced Scientific Research in Bangalore, told *The Telegraph*: “An ideal thermoelectric material would have the lowest possible heat conductivity of glass and the highest possible electrical conductivity of metal. The silver-copper-telluride material we’ve fabricated is close to such a hybrid.”

Tyrone Docherty, President and CEO of Deer Horn Capital, stated, “More and more, we’re seeing how the properties of silver and tellurium are being applied to important advances like these in technology. This is a key reason why we’re so excited about the prospects of our Deer Horn silver-gold-tellurium property, which also contains copper.”

The Deer Horn polymetallic property in north-central British Columbia contains one of the few known resources of silver-gold-tellurium that has been NI 43-101 certified, along with copper, tungsten, bismuth and molybdenum. “The Deer Horn property is quite rare, if not unique, in Canada,” said Docherty. “We believe it could become an important supplier of these ‘green’ metals that are contributing to cleaner energy, more efficient transportation and many other uses for a greener planet.”

As reported last week, Deer Horn expects to have an updated Preliminary Economic Assessment (PEA) completed for the Deer Horn silver-gold-tellurium property by the end of May. The updated PEA, prepared by Moose Mountain Technical Services of Cranbrook, BC, will be based on current metals prices and will include other revised parameters.

On behalf of the board of directors of
Deer Horn Capital Inc.

“Tyrone Docherty”

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