



PRESS RELEASE

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CANADIAN ZINC HITS SIGNIFICANT GRADES OVER SUBSTANTIAL WIDTHS AT PRAIRIE CREEK

Canadian Zinc Corporation is pleased to report the results of the first drill hole in the current drilling program on its high-grade Prairie Creek Property in the Northwest Territories. Hole PC-01-130 was designed as an infill hole to test the interpreted projection of mineralisation within the combined mineral resource of 11.8 million tonnes grading 12.5% zinc, 10.1% lead, 161 g/t silver and 0.4% copper, estimated in 1998 by MRDI, a wholly owned subsidiary of AMEC E&C Services Limited. This mineral resource contains 3.6 million tonnes (measured and indicated) grading 11.8% zinc, 9.7% lead, 142 g/t silver and 0.3% copper, and 8.3 million tonnes (inferred) grading 12.8% zinc, 10.3% lead, 169 g/t silver and 0.4% copper. The results from this hole exceeded expectations, confirming and enhancing the Company's understanding of the deposit and the current geological interpretation.

Continuous sampling through two composite sections of PC-01-130 identified two potential mining zones, which are reported as follows:

PC-01-130 COMPOSITE INTERSECTIONS:

From (m)	To (m)	Int (m)	Pb %	Zn %	Ag g/t	Cu %
256.1	270.3	14.2	6.40	8.34	90.9	0.17
290.1	322.0	31.9	11.45	5.38	116.7	0.06

Detailed assay data is reported overleaf. True widths have not been calculated at this time. Assay processing was completed by Acme Analytical Laboratories Ltd. of Vancouver, utilizing ICP-ES techniques, which include standard re-run checks and reject re-run checks along with calibration standards. Alan Taylor, P.Geo., Vice President of Exploration, is the Qualified Person reporting for the Company.

The drilling program will continue and is designed to both infill and test for further enhancement within the previously defined mineral resource. A more detailed re-evaluation and reclassification of mineral resource will be carried out upon completion of further drilling. This drilling program forms part of the Company's efforts to convert its successfully completed Scoping Study, published in January of this year, which demonstrated the economic viability of a mining operation at Prairie Creek (see Press Release dated 29th January, 2001) into a full bankable Feasibility Study.

The Company also continues to work on permitting of an extension to this drilling program, the development of an exploration decline and the operation of the Company's 1 tonne per hour pilot plant at the site. These permit applications are currently under review by the Mackenzie Valley Environmental Impact Review Board. The mine and mill at Prairie Creek was built in 1982 at a cost of over \$100 million in today's dollars and was permitted at that time, but was never operated. It is the intention of the Company to apply for a full operating permit and water license for the mine and mill complex in the near future.

For more information on the Company, the Prairie Creek Mine the recent Scoping Study and the current work, please visit our web site at: www.canadianzinc.com.

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Hole PC-01-130 individual assays were as follows:

From (m)	To (m)	Int (m)	Pb %	Zn %	Ag g/t	Cu %
181.6	183.1	1.5	9.17	21.09	137.8	0.37
181.6	183.1	1.5	9.17	21.09	137.8	0.37
227.0	227.6	0.6	12.62	15.19	127.2	0.10
227.0	227.6	0.6	12.62	15.19	127.2	0.10
256.1	258.7	2.6	13.30	21.33	271.9	0.62
258.7	260.6	1.9	9.27	8.03	115.2	0.19
260.6	261.1	0.5	0.07	0.35	2.7	0.00
261.1	262.0	0.9	16.66	7.23	210.5	0.39
262.0	264.9	2.9	0.41	0.51	1.0	0.00
264.9	265.1	0.2	17.72	9.92	133.4	0.01
265.1	267.3	2.2	0.16	0.33	3.4	0.00
267.3	269.0	1.7	7.47	17.28	56.6	0.04
269.0	270.3	1.3	4.51	5.71	31.2	0.02
256.1	270.3	14.2	6.40	8.34	90.9	0.17
290.1	295.0	4.9	3.35	8.35	26.4	0.02
295.0	295.9	0.9	2.48	5.50	23.3	0.01
295.9	296.9	1.0	3.45	3.13	28.1	0.01
296.9	297.8	0.9	3.83	3.47	33.9	0.00
297.8	299.6	1.8	15.01	7.01	201.9	0.24
299.6	302.6	3.0	42.36	1.35	410.1	0.14
302.6	305.7	3.1	18.16	0.73	159.8	0.08
305.7	306.7	1.0	8.05	1.49	77.5	0.04
306.7	307.7	1.0	63.21	0.82	707.3	0.51
307.7	308.8	1.1	7.48	9.58	72.0	0.02
308.8	311.2	2.4	2.29	0.65	25.0	0.01
311.2	313.7	2.5	7.03	12.35	83.0	0.03
313.7	315.3	1.6	7.26	11.77	81.3	0.02
315.3	316.6	1.3	0.09	0.26	0.3	0.00
316.6	317.2	0.6	1.20	8.23	19.9	0.01
317.2	318.6	1.4	0.13	0.41	0.3	0.00
318.6	320.0	1.4	5.62	7.51	51.8	0.01
320.0	322.0	2.0	3.15	10.00	39.4	0.03
290.1	322.0	31.9	11.45	5.38	116.7	0.06

“Malcolm J.A. Swallow”

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President and CEO

“Alan B. Taylor”

Alan B. Taylor, P.Geo.
Vice President, Exploration

This news release may contain forward looking statements based on assumptions and judgments of management regarding future events or results that may prove to be inaccurate as a result of exploration or other risk factors beyond its control. Actual results may differ materially from the expected results.