



**PRESS RELEASE**

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**PRAIRIE CREEK 2001 PROGRAM SUMMARY**

Canadian Zinc Corporation is pleased to summarize the final results of its 2001 program completed on its 100% owned Prairie Creek Property in the Northwest Territories and reported by individual holes in news releases dated August 7<sup>th</sup>, October 22<sup>nd</sup>, and October 29<sup>th</sup>, 2001.

The program was designed to enhance and increase confidence in the existing resource model and to identify areas of higher grade and tonnage in advance of initial mining. Five diamond drill holes were completed in the program totaling 1,711 meters of coring. The results of the program were a confirmation of the resource model and identification of significant further potential for this high-grade deposit.

**The drill program was successful in identifying an area of significantly increased thickness and grade, referred to as “a thick high-grade shoot,” within the existing Vein Resource. Additional parallel high-grade veins were also intercepted giving further potential to the identified mineral resource in this area. This is important in that this is proximal to where initial mining would take place and will provide significantly increased tonnage and grade per vertical meter in early mining.**

**VEIN INTERCEPTS**

<b>DDH</b>	<b>From (m)</b>	<b>To (m)</b>	<b>Int (m)</b>	<b>Interpreted True Width (m)</b>	<b>Pb %</b>	<b>Zn %</b>	<b>Ag g/t</b>	<b>Cu %</b>
PC-01-130	256.1	265.1	9.0	<b>5.2</b>	<b>8.0</b>	<b>9.0</b>	<b>127.4</b>	0.26
PC-01-130	295.9	307.7	11.8	<b>6.8</b>	<b>24.5</b>	<b>2.3</b>	<b>248.5</b>	0.14
PC-01-132	286.1	304.8	18.7	<b>7.0</b>	<b>12.2</b>	<b>4.8</b>	<b>172.7</b>	0.34
PC-01-132	336.6	342.3	5.7	<b>2.1</b>	<b>20.2</b>	<b>3.2</b>	<b>194.8</b>	0.14
PC-01-133	305.4	331.9	26.5	<b>11.0</b>	<b>14.8</b>	<b>10.1</b>	<b>226.3</b>	0.51
PC-01-134	235.4	254.8	19.4	<b>13.7</b>	<b>8.2</b>	<b>8.9</b>	<b>122.6</b>	0.25

The drilling also confirmed and potentially extended Stratabound mineralisation between the two existing known Stratabound deposits, SD1 and SD2.

**STRATABOUND INTERCEPTS**

<b>DDH</b>	<b>From (m)</b>	<b>To (m)</b>	<b>Int (m)</b>	<b>Interpreted True Width (m)</b>	<b>Pb %</b>	<b>Zn %</b>	<b>Ag g/t</b>	<b>Cu %</b>
PC-01-130	267.3	270.3	3.0	<b>2.8</b>	<b>6.2</b>	<b>12.3</b>	<b>45.6</b>	0.03
PC-01-130	290.1	295.9	5.8	<b>5.5</b>	<b>3.2</b>	<b>7.9</b>	<b>25.9</b>	0.02
PC-01-130	307.7	322.0	14.3	<b>13.4</b>	<b>4.1</b>	<b>6.9</b>	<b>44.8</b>	0.01
PC-01-131	287.3	293.0	5.7	<b>5.6</b>	<b>3.1</b>	<b>6.2</b>	<b>25.8</b>	0.01
PC-01-132	319.4	326.9	7.5	<b>7.4</b>	<b>3.2</b>	<b>6.4</b>	<b>28.1</b>	0.01

**Management is very encouraged with the results of this year’s program. The use of gravity separation in the mill, as outlined in the Scoping Study completed in January of this year, (reported on the website and in a press release dated January 29, 2001) when combined with these exceptional widths and grades should allow an increase in milled tonnage and lead to decreased mining costs. Prior to this**

year's drilling, the mineral resource contained 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. This produces a 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.

These more recent results further confirm the Company's understanding of the geological interpretation of the deposit. This drilling has re-enforced and significantly enhanced the previous geological interpretations, thus increasing the confidence level of resources within the known Vein and Stratabound bodies of mineralization. While it is not the Company's intention to recalculate the MRDI resource statement at this time, these holes have the potential to add further to that mineral resource model, both in terms of tonnes and grade. A long section diagram accompanies this release which shows the location of this year's drill intercepts, areas of further Stratabound potential and the location of a potential thick high-grade vein shoot in relation to the existing underground workings.

Additionally a geochemical survey completed this year on the Company's SAN6 mineral claim indicated further anomalous zinc values along the extrapolated strike direction of the Prairie Creek Vein system 7.5 kilometers north of the minesite. Further studies of the Prairie Creek database are continuing.

**The Company is also pleased to announce that the 2001 Phase II Land Use Permit application for a 60-hole drill program at Prairie Creek has now completed the Environmental Assessment process with the Mackenzie Valley Environmental Impact Review Board (MVEIRB). MVEIRB concluded that the program would have no significant environmental impact and recommended approval of the program.** The report has now gone to the Minister of Indian and Northern Affairs in Ottawa for statutory review and will then go to the Mackenzie Valley Land and Water Board (MVLWB) for issue of the Land Use Permit. The Company is greatly encouraged by this progress through the permit application process. The review of all its permit applications by the MVEIRB has been comprehensive, and with the support of the Nahanni Butte Dene Band, our First Nations Partners in the development, we continue to make progress on this difficult and lengthy process.

An on-going environmental mitigation program at the site continued throughout the 2001 season. The Company also continues to work on permitting of the development of an exploration decline and the operation of the Company's 1 tonne per hour pilot plant at the site. These 2001 permit applications are currently under review by the MVEIRB. Members of both the MVLWB and the MVEIRB along with many other regulatory officers visited the mine site this year. The Company expects to commence application for the main water licence and land use permit for the revised mine and mill operation at Prairie Creek in the near future, supported by the work from the current applications.

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](http://www.canadianzinc.com).

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