

Hannanmetals

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NEWS RELEASE

September 18, 2017

HANNAN DRILLS 4.0 METRES @ 0.7% ZINC, 8.9% LEAD AND 31 G/T SILVER (8.6% ZnEQ) IN FIRST STEP-OUT HOLE AT KILBRICKEN, IRELAND

Vancouver, Canada – Hannan Metals Limited (“Hannan” or the “Company”) (TSX.V: HAN) (OTCPK: HANNF) is pleased to announce drill results from the second hole completed in its resource expansion program at the 100%-owned Kilbricken zinc-lead-silver-copper deposit in County Clare, Ireland. Thirteen holes are planned in this 8,500 metre drill program, scheduled to be completed during the first quarter of 2018.

Key Points:

- Significant mineralization was intersected in DH 17-3679-218 (“DH218”), the first diamond drill hole to test outside the Kilbricken resource (Figure 1). Massive sulphides were discovered within a down-hole thickness of 55 metres, including:
 - **4.0 metres @ 0.7% Zn, 8.9% Pb and 31 g/t Ag (8.6% ZnEQ)** from 526 metres, including 1.4 metres @ 1.6% Zn, 15.2% Pb and 53 g/t Ag from 526 metres and 1.0 metres @ 0.4% Zn, 13.8% Pb and 46 g/t Ag from 529 metres;
 - **6.0 metres @ 2.5% Zn, 1.8% Pb and 13 g/t Ag (4.4% ZnEQ)** from 544 metres, including 2.1 metres @ 5.0% Zn, 3.7% Pb and 25 g/t Ag from 548 metres;
 - **6.4 metres @ 4.8% Zn, 1.3% Pb and 15 g/t Ag (6.3% ZnEQ)** from 558 metres, including 1.1 metres @ 13.3% Zn, 3.1% Pb, 34 g/t Ag from 558 metres;
 - **10.0 metres @ 3.4% Zn, 1.0% Pb and 13 g/t Ag (4.7% ZnEQ)** from 571 metres;
- DH218 is a 50 metre up-dip step out from the Fort Zone and showed good lateral continuity of mineralization from adjacent holes, including drill hole DH167 which intersected a lower zone of mineralization of 4.5 metres @ 0.8% Zn, 2.6% Pb, 18.91% Cu, 867.6g/t Ag from 616.5m; and a 70 metre up-dip step out from drill hole DH217 which intersected 8.0 metres @ 4.1% Zn, 33.7% Pb and 174 g/t Ag from 528 metres and 26.6 metres @ 7.5% Zn, 0.9% Pb and 14 g/t Ag from 588 metres ([Hannan Press Release, 20 July 2017](#)) (Figure 1);
- The mineralized position remains open for further testing up-dip from DH218;
- Two holes have been completed by Hannan at Kilbricken, and one in progress for a total of 1,986 metres. A 8,500 metre resource expansion drill program is ongoing, with two drill rigs now at site to test along strike and down dip from the mineral resource area ([Hannan Press Release, 10 July, 2017](#)). Drilling will continue through to Q1 2018.

Mr. Michael Hudson, CEO and Chairman, states: *“DH218 is the first hole drilled by Hannan outside the Kilbricken mineral resource, and clearly demonstrates the potential for resource expansion at Kilbricken. The higher-grade mineralization shows good lateral continuity within a broader mineralized zone totaling 55 metres down hole length which remains opens up-dip with further opportunities to extend. This is a strong start to our resource expansion drill program.”*

A plan and cross section view of the drill results is provided in Figure 1. Table 1 shows highlight intersections and Table 2 shows all relevant collar and assay information. The true thickness of mineralized intervals at Kilbricken is interpreted to be greater than 95% of the sampled thickness.

The maiden mineral resource for Kilbricken was published on [July 10, 2017](#), and immediately ranked Kilbricken as one of the top ten base metal deposits discovered in Ireland by tonnes and grade. Total indicated mineral resources were calculated as 2.7 million tonnes at 8.8% zinc equivalent (“ZnEq”), including 1.4 million tonnes at 10.8% ZnEq and total inferred mineral resources of 1.7 million tonnes at 8.2% ZnEq, including 0.6 million tonnes at 10.4% ZnEq. Importantly, as DH218 shows, the initial resource is expandable at all scales, from near-resource to prospect scale.

NI 43-101 Technical Report:

On August 22, 2017, Hannan filed an independent National Instrument 43-101 Technical Report (the "NI 43-101 Technical Report") on The Mineral Resource Estimate for the Kilbricken Zinc-Silver-Lead-Copper Project Co. Clare, Ireland For Hannan Metals Ltd in support of the Company's news release dated [July 10, 2017](#). The NI 43-101 Technical Report was authored by Mr. Geoff Reed of Reed Leyton Consultants and Dr. John Colthurst who are independent "qualified persons" as defined by National Instrument 43-101. The NI 43-101 Technical Report may be found under the Company's profile on SEDAR at www.sedar.com and on the Company's website at www.hannanmetals.com.

Technical Background

A diamond drill rig from [Priority Drilling Limited](#) with water recirculation and drill cuttings collection systems was used for the drill results reported here. Core diameter is NQ2 (50.6 mm). Core recoveries were excellent and average close to 95-100% in fresh rock. After photographing and logging, core intervals averaging 1-2 metre for mineralized samples were cut in half at Hannan's core facilities in Ennis, County Clare, Ireland. The remaining half core is retained for verification and reference purposes.

Analytical samples were transported by Hannan personnel from site to the ALS Loughrea located at Dublin Road, Loughrea, County Galway, Ireland. At the laboratory samples are dried, crushed to 100% passing 2mm, then 500 grams pulverized for multi-element analysis by method ME-MS6, a four-acid digest performed on 0.25 g of sample to quantitatively dissolve most geological materials. Analysis is via ICP-MS + ICP-AES. Samples assaying over range 1% zinc, lead, or copper and 100 g/t silver were re-assayed using methods Ag/Pb/Zn-OG62, a precise ore grade method to determine lead, zinc and silver by HF-HNO₃-HClO₄ Digest, HCl leach and ICP-AES. The QA/QC program of Hannan consists of the systematic insertion of certified reference material of known base metal content and blanks at the start of each batch and within interpreted mineralized rock. In addition, ALS inserts blanks and standards into the analytical process.

About Hannan Metals Limited (TSX.V:HAN) (OTCPK: HANNF)



[Hannan Metals Limited](#) has 100% ownership of the County Clare Zn-Pb-Ag-Cu project in Ireland, which consists of 9 prospecting licences for 32,223 hectares. Zinc remains in tight supply amidst rising demand and stagnant supply. Ireland is a leading global jurisdiction for zinc mining and exploration. In 2015, Ireland was the world's 10th largest zinc producing nation with 230,000 tonnes produced.

Over the last decade, the team behind Hannan has forged a long and successful record of financing and discovering mineral projects in Europe. Additionally, the team holds extensive zinc experience, gained from the world's largest integrated zinc producer of the time, Pasmenco Ltd.

Mr. Michael Hudson FAusIMM, Hannan's Chairman and CEO, a Qualified Person as defined in National Instrument 43-101, has reviewed and approved the technical disclosure contained in this news release.

On behalf of the Board,

"Michael Hudson"

Michael Hudson, Chairman & CEO

Further Information

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Forward Looking Statements

Certain information set forth in this news release contains "forward-looking statements", and "forward-looking information" under applicable securities laws. Except for statements of historical fact, certain information contained herein constitutes forward-looking statements, which include the Company's expectations regarding future performance based on current results, expected cash costs based on the Company's current internal expectations, estimates, projections, assumptions and beliefs, which may prove to be incorrect. These statements are not guarantees of future performance and undue reliance should not be placed on them. Such forward-looking statements necessarily involve known and unknown risks and uncertainties, which may cause the Company's actual performance and financial results in future periods to differ materially from any projects of future performance or results expressed or implied by such forward-looking statement. These risks and uncertainties include, but are not limited to: The Company's expectations regarding the current drill program, liabilities inherent in mine development and production, geological risks, the financial markets generally, and the ability of the Company to raise additional capital to fund future operations. There can be no assurance that forward-looking statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. The Company undertakes no obligation to update forward-looking statements if circumstances or management's estimates or opinions should change except as required by applicable securities laws. The reader is cautioned not to place undue reliance on forward-looking statements.

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Table 1: Highlight intersections from DH 217. Lower cut-off 3% ZnEq.

HOLE		From	To	Width (m)	Zn%	Pb%	Ag ppm	ZnEq%
DH218		526	530	4.0	0.67	8.86	30	8.65
	<i>incl</i>	526	527	1.4	1.56	15.2	53	15.21
	<i>incl</i>	529	530	1.0	0.44	13.8	46	12.82
		544	550	6.0	2.50	1.84	13	4.37
	<i>incl</i>	548	550	2.1	5.02	3.69	25	8.75
		558	564	6.4	4.80	1.26	14	6.33
	<i>incl</i>	558	559	1.1	13.3	3.13	34	16.93
		571	581	10	3.44	1.00	13	4.72

Note: The zinc equivalent (ZnEq) value was calculated using the following formula: $ZnEq\% = Zn\% + (Cu\% * 2.102) + Pb\% * 0.815 + (Ag\ g/t * 0.023)$ with assumed prices of Zn \$2587/t; Cu \$5437/t; Pb \$2108/t and Ag \$18.44/oz.

Table 2: Collar Information for Resource Expansion Program at the Kilbricken Project (Irish National Grid)

HoleID	East	North	Azimuth	Dip	RL	Depth (m)
DH217	139133	176006	020	-82	22.433	714
DH218	139165	176035	010	-81	22.735	651
DH219	139168	175979	0	-90	22.443	621 In progress

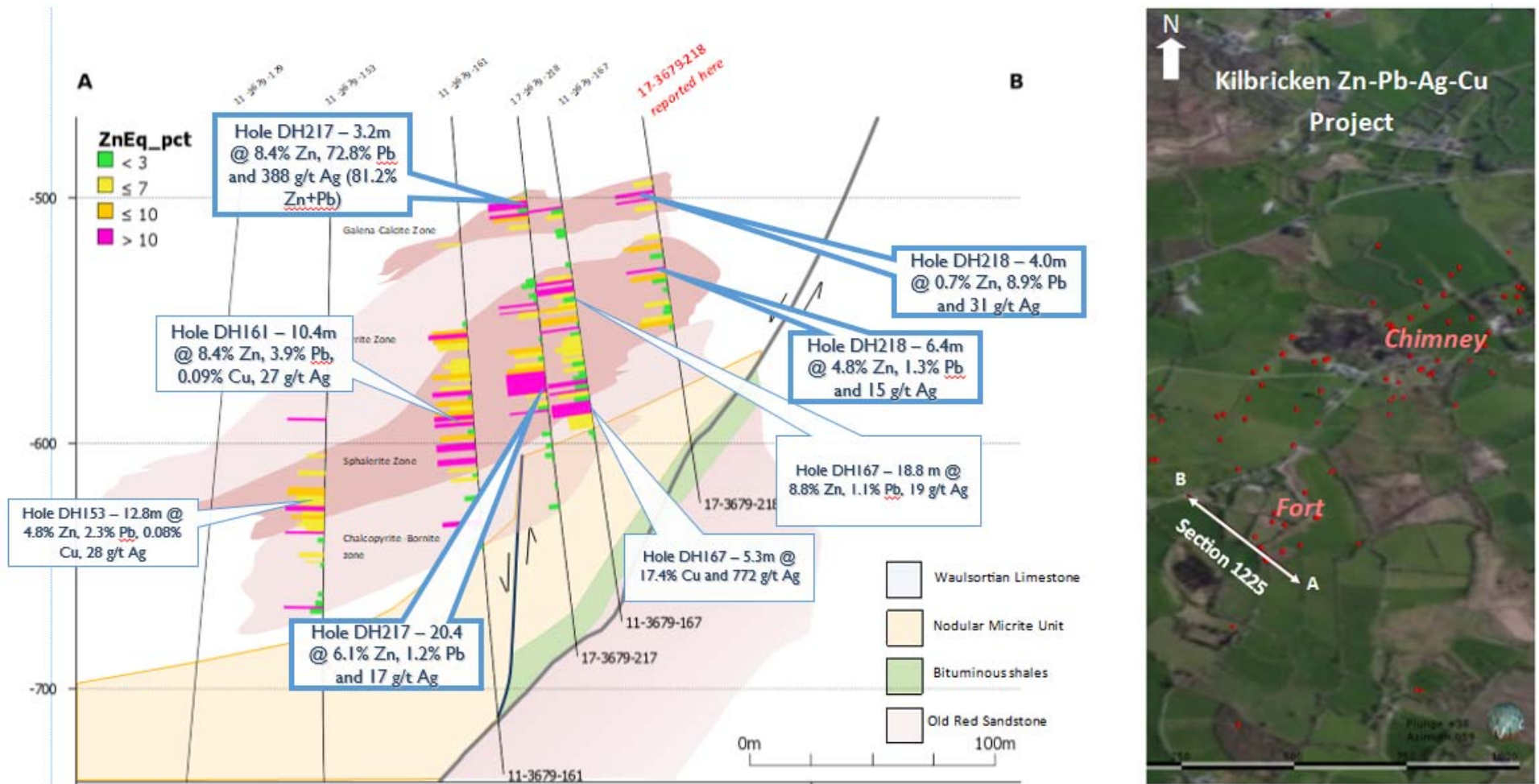


Figure 1: Cross Section 1225 from the Fort Mineralized Zone with new results from drill hole 218 and plan location