Cleghorn Drills 1.0% Ni, 1.97% Cu, 3.70 g/t Pd, 0.96 g/t Pt, 0.46 g/t Au & 7.49 g/t Ag over 3.25 metres at the Meech Lake – Matachewan - Prospect, Matachewan Ontario

VAL-D'OR, Quebec, Oct. 01, 2018 -- Cleghorn Minerals Ltd. ("Cleghorn" or the "Company") (TSX-V:CZZ) is pleased to announce drill results from diamond drilling completed on the Company's 100%-owned *Meech Lake – Matachewan - Prospect*, located in Northeastern Ontario, within the Abitibi Greenstone Belt. The initial drill results (ML-18-008 to ML-18-011) are from the historical Kell's Showing where selective grab sampling by the company in 2016 assayed up to **8.31% Cu, 3.80% Ni, 13.5 g/t Pt, 60.4 g/t Pd & 1.89 g/t Au.**

The objective of the initial drilling program at the Kell's Showing was to confirm the grade, configuration and extent of surface mineralization discovered by prospector Hugh Kell in 1946, following a large-scale systematic trenching program. All previous exploration drilling campaigns (1951-52; 1973-74; 1988; 1992) were unsuccessful in expanding the Kell's Showing along strike or down plunge.

Drillhole ML-18-008 and ML-18-009 were drilled directly under the historic Kell's Showing. Both holes intersected weakly mineralized zones of nickel and copper mineralization. ML-18-010 and ML-18-011 were collared 25 metres to the west of the mafic intrusive -hosted mineralization visible in the surface occurrence. ML-18-011 intersected the down plunge extension of the high-grade Ni-Cu-PGE surface mineralization at depth (see Table I for the drillhole co-ordinates).

Highlights for the assay results from ML-18-011:

- **6.3m @ 0.746% Ni, 1.29% Cu, 2.36g/t Pd, 0.617g/t Pt, 0.751g/t Au & 6.64g/t Ag**
- Includes Upper Zone: **2.4m @ 0.59% Ni, 0.72% Cu, 1.18g/t Pd, 0.32g/t Pt, 1.25g/t Au &7.23g/t Ag**
- And: **0.55m @ 0.87% Ni, 1.21% Cu, 1.62g/t Pd, 0.39g/t Pt, 1.35g/t Au & 14.9g/t Ag**
- Includes Lower Zone: **3.25m @ 1.0% Ni, 1.97% Cu, 3.70g/t Pd, 0.96g/t Pt, 0.46g/t Au & 7.49g/t Ag**
- And: **1.6m @ 1.56% Ni, 2.36% Cu, 5.04g/t Pd, 1.0g/t Pt, 0.48g/t Au & 8.23g/t Ag**
- With: **0.4m @ 1.24%Ni, 4.05% Cu, 12.55g/t Pd, 1.27g/t Pt, 0.69g/t Au & 14.6g/t Ag**

Ni-Cu-PGE mineralization is hosted in a coarse-grained mafic (gabbro) unit (s) that has intruded a sequence of volcanic trachyte rocks. Mineralization consists of disseminated to blebby net-textured sulphides and fracture controlled semi to massive sulphides. Alteration in the mineralized zones mainly consist of strong chlorite and strong carbonate alteration. The high-grade Ni-Cu-PGE mineralization that was intersected in ML-18-011 is associated with a late fault/shear structure and is open down-plunge and along strike to the NE-SW. This structure coincides with a NE-SW trending HLEM anomaly that cuts across the gabbro unit. This appears to support the company's hypothesis to follow, and target through geophysical surveys, structural rather than lithological controls as had been done in prior exploration programs.

A compilation map showing the area of the 2018 drilling and stripping program and cross-sections for ML-18-008-009 and ML-18-010-011 has been posted on the Cleghorn website (compilation map and cross-sections).

Table I Kell's Showing: Drillhole co-ordinates CML-18-008 to CML-18-011 (as per August 30, 2018 press release)

Hole	Easting	Northing	Azimuth	Dip	Length
ML-18-008	513249	5327722	315	-45	81
ML-18-009	513249	5327723	308	-75	150
ML-18-010	513228	5327705	315	-45	87
ML-18-011	513228	5327705	308	-75	102

Table II	**Kell's Showing: Weighted average grade intervals**										
Hole	**From**	**To**	**Length**	**Ni (%)**	**Cu (%)**	**Co (%)**	**Pd (g/t)**	**Pt (g/t)**	**Au (g/t)**	**Ag (g/t)**	**Comments**
ML-18-008	**22**	**24.55**	**2.55**	**0.018**	**0.252**	**0.004**	**0.001**	**0.002**	**0.141**	**3.941**	
including	**23.3**	**23.8**	**0.5**	**0.014**	**0.94**	**0.003**	**0.001**	**0.002**	**0.62**	**3.6**	
ML-18-010	**21.8**	**34.1**	**12.3**	**0.084**	**0.014**						
including	**21.8**	**24.2**	**2.4**	**0.079**	**0.014**						**Upper Zone**
including	**25.7**	**34.1**	**8.4**	**0.099**	**0.016**						**Lower Zone**

ML-18-011	**58.2**	**64.5**	**6.3**	**0.746**	**1.293**	**0.025**	**2.364**	**0.617**	**0.751**	**6.636**	
including	**58.2**	**60.6**	**2.4**	**0.59**	**0.719**	**0.019**	**1.181**	**0.321**	**1.346**	**7.227**	**Upper Zone**
and	**59**	**59.55**	**0.55**	**0.871**	**1.205**	**0.022**	**1.62**	**0.391**	**3.34**	**14.9**	**+2.12% Zn**
including	**61.25**	**64.5**	**3.25**	**1.001**	**1.972**	**0.034**	**3.695**	**0.955**	**0.459**	**7.486**	**Lower Zone**
and	**61.25**	**62.85**	**1.6**	**1.563**	**2.359**	**0.054**	**5.043**	**0.998**	**0.48**	**8.225**	
with	***62.45***	***62.85***	***0.4***	***1.24***	***4.05***	***0.075***	***12.55***	***1.27***	***0.69***	***14.6***	
	70.45	**72.2**	**1.75**	**0.368**	**0.284**	**0.016**	**0.952**	**0.229**	**0.173**	**1.3**	
	81.65	**84**	**2.35**	**0.118**	**0.013**	**0.009**	**0.022**	**0.009**	**0.002**	**0.2**	
	91.45	**93.55**	**2.1**	**0.09**	**0.011**	**0.008**	**0.013**	**0.007**	**0.001**	**0.2**	

**Reported drill intercepts are not true widths. At this time there is insufficient data with respect to the shape of the mineralization to calculate true orientations in space*

A program of surface and bore-hole Pulse Electromagnetic (EM) surveying is recommended over the area of the Kell's Showing in an effort to track the Ni-Cu-PGE mineralization intersected in ML-18-011 down-plunge and along strike and to delineate potentially other satellite or stacked lenses of mineralization.

The 2018 drill program consisted of seventeen (17) drillholes totalling 1,836 metres (refer to the August 30, 2018 press release). The next set of assay results to be reported on are ML-001 to ML-006 that tested the Waterhole Showing (Au-Zn) and ML-18-007 that tested a set (3) of parallel NW-SE HLEM (electromagnetic) conductors to the east of the Kell's Showing.

Land Tenor Update:

Following the MLAS claim to cell conversion process completed by Ontario's Ministry of Northern Development and Mines (MNDM), the four (4) original legacy claims covering 656 ha were converted to 41 cells (36 single cells and 5 boundary cells) covering an area of 833.6 ha.

All diamond drilling sample batches (each individual hole), include 5% QA/QC samples consisting of blanks and certified standards (Natural Resources Canada - CANMET). All drillhole samples were submitted to ALS Minerals, an accredited mineral analysis laboratory. Sample preparation was completed in Val-d'Or, Québec and analyses in Vancouver, British Columbia. Nickel, copper, cobalt, zinc and silver values were determined by a 61 element, Four Acid / ICP-AES analysis and gold values were determined by a 30-gram fire assay and AAS finish. Platinum, palladium and gold values were determined by 30-gram fire assay with ICP finish. When samples received over-limit values they underwent further analysis using ALS Minerals assay procedure Ni-OG62 (for nickel), Cu-OG62 (for copper), Zn-OG62 (for zinc), and PGM-ICP27 (for gold, platinum and palladium). The reader is referred to: www.alsgobal.com for details of analytical procedures described above.

Cleghorn Minerals has applied a rigorous quality assurance/quality control program at the Meech Lake – Matachewan - Project using industry best practices. All core was logged and selected intervals were sampled. NQ-sized drill core was sawn in half and each sample half was placed in a marked sample bag with its corresponding sample tag, then sealed. The remaining half core is retained in the original core boxes that are stored in a secure facility in Val-d'Or, Québec.

Michael P. Rosatelli, P.Geo. and senior consultant to Cleghorn, is the designated "qualified person" as defined in Section 1.2 in and for the purposes of National Instrument 43-101 that reviewed and approved the technical content of this release.

Additional Property Acquisitions:

Cleghorn is continuing due diligence on several property opportunities, both in Canadian and international jurisdictions, and will provide additional information should the examinations lead to favourable conclusions and affordable transactions.

About Cleghorn Minerals Ltd.:

Cleghorn is a junior mineral exploration company with a 100% interest in the *Meech Lake – Matachewan -Prospect,* a property located in northeastern Ontario, subject to an aggregate 3.5% NSR.

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