

Northern Shield Completes Ground Geophysical Survey at Shot Rock Gold Project, Nova Scotia

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Prospecting identifies two additional areas of gold mineralization

OTTAWA, Nov. 19, 2020 - [Northern Shield Resources Inc.](#) ("Northern Shield" or the "Company") (TSX-V: NRN) is pleased to announce that the controlled-source audiomagnetotellurics ("CSAMT") geophysical survey announced on October 28th has been completed at its Shot Rock Gold Project ("Shot Rock") in Nova Scotia. Prospecting has also located two other areas of anomalous gold mineralization within the Property. The Company is exploring the Property for low sulphidation epithermal ("LSE") gold mineralization and currently owns an 80% interest at Shot Rock.

Six lines at 200 meters spacing were completed totalling about 12 line-kilometres of survey. CSAMT measures electrical resistivity of rock and is routinely used in exploration for LSE deposits because data can highlight silicified structural zones prospective for veins as well as detect clay alteration often associated with such deposits.

Processing of the geophysical survey data is still in progress but preliminary interpretation of inversions show several high-angle, very resistive and deep-seated structures suggestive of strong silicification and/or quartz veining surrounded by zones of greater conductivity interpreted to be the result of clay alteration (Figure 1). Such features are characteristic of LSE systems. The most prominent resistive structure is located on the periphery of the area tested by drilling to date.

Another smaller but distinctly resistive structure is noted approximately 1.4 kilometer southeast of the main area of interest within the Highway Zone. This target is 50 meters upstream of a train of gold-bearing quartz cobbles (Figure 2) collected along the creek in 2018 and has been immediately followed up on the ground to determine if the source of the anomaly outcrops. Ground truthing of the target area found no exposed outcrop in the vicinity but a large angular quartz vein boulder (inset Photo) exhibiting bladed texture and sulphides was found nearby.

Further updates will be provided on final processing of the CSAMT data, which is expected shortly and on assay results from surface sampling.

Prospecting elsewhere within the Shot Rock Property has located two other areas with anomalous gold (> 0.1 g/t Au) with textures consistent with low sulphidation epithermal gold systems. One is located approximately 1.2 kilometer east-northeast of the Highway Zone and the other is located 6 kilometres east of that zone. Further exploration is being conducted in these areas.

"We are quite happy with the sneak preview of the CSAMT results and look forward to more processing. It certainly looks like it will help pin-point drill targets. This type of geophysical survey has been successfully used for the identification of deep-seated structures associated with high-grade feeder zones in many other LSE systems. We are also very encouraged by on-going sampling at Shot Rock, Root & Cellar and Merasheen, and we look forward to assays from all these projects."

Ian Bliss – President & CEO

The survey program at Shot Rock was contracted to Clearview Geophysics of Brampton, Ontario, and was overseen by Joe Mihelcic, P. Geo. and a qualified person under NI 43-101. This press release has been

