

# Nickel Rock Resources Files Notice of Work Application for the Hard Nickel Project Next to the Decar Nickel Project of FPX Nickel Corp.

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Vancouver, Feb 10, 2021 - [Nickel Rock Resources Inc.](#) ("the Company") (TSXV:NICL) (OTC:NICKLF) is pleased to announce that our consultant has filed a Notice of Work application for a multi-year area-based work permit for Nickel Rock Resource's Nickel Project. The Company's prospective land position adjoins to the west of the Decar Nickel Project owned by FPX Nickel Corp. The Company now controls a 100% interest in over 13,704 hectares in the district. [nickelrockresources.com/hardnickelgroup](http://nickelrockresources.com/hardnickelgroup).

The proposed work program consists of trenching, surface exploration diamond drilling, camp construction, and other exploration activities such as soil sampling, rock sampling, prospecting, and geological mapping. The company proposes a 12-man, helicopter-supported camp to be built in a cirque on the north slope of the un-named mountain immediately west of Mount Sydney Williams

next to a sub-alpine lake at the headwaters of Van Decar Creek. The camp location was selected based on past exploration camps at this same location and will be used to accommodate field personnel.

## About the Hard Nickel Project

The subject claims are partially underlain by rocks like those hosting the Decar project of FPX Nickel where mineralization includes nickel, cobalt, and chromium. Previous exploration suggests that at least some of the nickel mineralization occurs as awaruite which is a naturally occurring nickel-iron alloy important in the manufacture of environmentally efficient batteries for the electric vehicle markets globally. The mineral awaruite is both highly magnetic and very dense and is therefore amenable to concentration by mechanical processes including magnetic and gravity separation. This style of deposit is unique and presents considerable metallurgical and processing cost saving advantages.

Significantly, the awaruite found is found in a serpentized ultramafic rock. In 2018, G. Dipple at the University of British Columbia began the Geoscience BC funded research project "Carbon Mineralization Potential Assessment for BC" scheduled for completion in early 2021. In late 2020 a preliminary assessment report was published. One of the key items from the report was "The use of reactive serpentinite tailings from nickel mining as a carbon sink has the potential to make nickel mining carbon neutral or a net carbon sink." The presence of serpentized ultramafic rocks has been repeatedly documented in the areas covered by the claims of the Nickel Rock Projects, as well as at FPX Nickel Corp.'s Decar Project (Dipple, G. et.al., Geoscience BC Report 2020-15).

The Company has seen the commodity spot price for nickel to be in a steady uptrend while world stockpiles have been on the decline and EV manufacturers are calling for more supply of nickel because nickel quantities are increasing in batteries as they increase the amount of charge a battery can hold, thus allowing the EV's to travel greater distances. One such company is Tesla Inc. (NASDAQ: TSLA), the world's leading EV manufacturer. Tesla's Founder, Elon Musk, stated that a large contract would be signed if a company could produce nickel with a lowered carbon footprint by using more environmentally friendly ways of mining. His comments made waves in the nickel space and several juniors have benefited from his comments and surged 2 to 3 times their value.

## Clayton Valley Project, Silver Peak, Nevada

The Company is exploring for lithium clays and brines within its project area of 118 claims covering over 930 hectares (2,300 acres). The property stretches in a northwest direction from the evaporation ponds of Albemarle Corporation NYSE: ALB. It has been widely reported that Albemarle is planning to double its

lithium production by 2025 by committing between US\$30 million and US\$50 million in additional investment on the property. In 2021, Albemarle plans to commence exploration of clay and evaluate technology that could accelerate the viability of lithium production from clay resources in the region.

Clayton Valley lithium mineralization occurs both in brine and in montmorillonite clays within sediments to a depth of over 150 meters. Recent metallurgical testing indicates low-cost processing can be achieved by leaching with low acid consumption (125 kg/t) resulting in lithium recoveries of over 85%. These high extractions prove the dominant lithium-bearing minerals present are not hectorite, a refractory clay mineral which requires roasting and/or high acid consumption to liberate the lithium. Testing by other companies on their lithium clay properties, including Lithium Americas (Thacker Pass Project, Nevada), Bacanora Minerals (Sonora Project, Mexico), Ioneer (Rhyolite Ridge Project) and Cypress Development (Clayton Valley Project) have all indicated that economic extraction of the lithium may well be possible.

#### Qualified Person

Jacques Houle, P.Eng., a qualified person as defined by NI 43 - 101, is responsible for the technical information contained in this release. Readers are cautioned that the information in this press release regarding the property of FPX Nickel Corp is not necessarily indicative of the mineralization on the property of interest.

About Nickel Rock Resources Inc. [www.nickelrockresources.com](http://www.nickelrockresources.com)

The Company is a Canadian-based mineral exploration company active in the exploration for nickel-iron alloy in British Columbia and lithium in Nevada. [Nickel Rock Resources Inc.](#) is a Canadian based exploration company whose primary listing is on the TSX Venture Exchange. The Company's maintains a focus on exploration for high value battery metals required for the electric vehicle (EV) market.

#### On Behalf of the Board of Directors

"Robert Setter"

Robert Setter, President & CEO

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