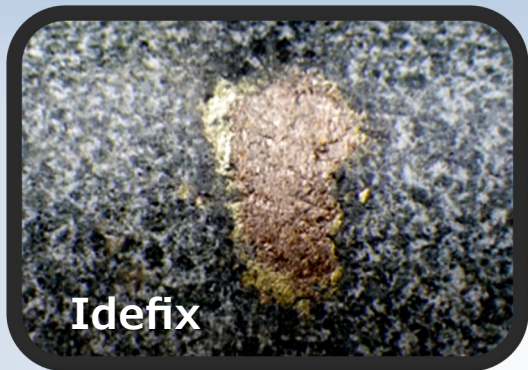


# NORTHERNSHIELD RESOURCES INC.

**At over 5 kms long and 50m thick, the mineralization at Idefix represents one of the largest underexplored PGE occurrences in North America**



## MASSIVE SULPHIDE POTENTIAL

**3.5% Ni**

**4.8% Cu**

**53 g/t Pd**

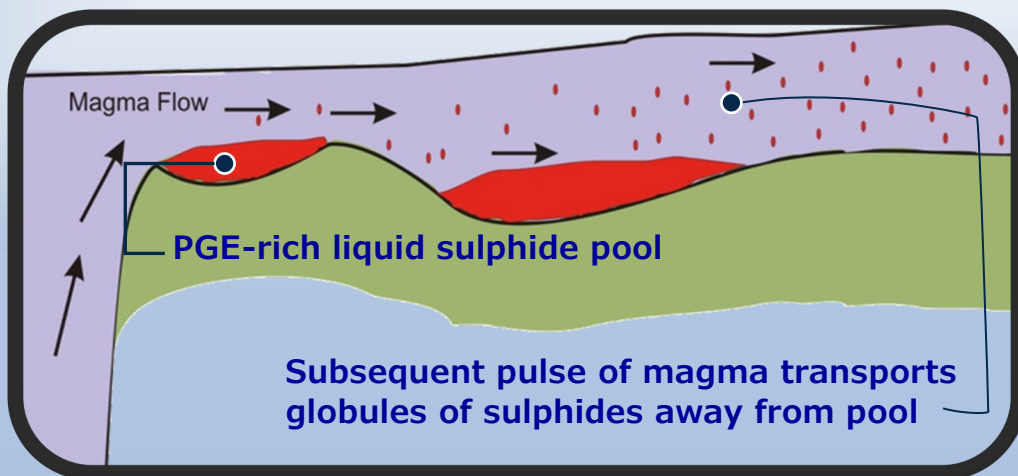
“Globules” of sulphide were observed in nearly every drill-hole along the Idefix Ridge.



The globules contain ~2% Ni, ~3% Cu and up to 53 g/t Pd (XRF).

They are very similar to the globules observed adjacent the massive sulphides at Norilsk.

Such globules would have originated from a pool of liquid massive sulphide when the magma was still molten.



## IDEFIX NI-CU-PGE PROPERTY



**OUR ASSETS** Northern Shield's Idefix Property in northern Quebec covers a 7 kilometre strike-length of a gabbronorite sill with significant potential to host massive sulphide and disseminated Ni-Cu-PGE mineralization.

**A  
Unique  
Opportunity**

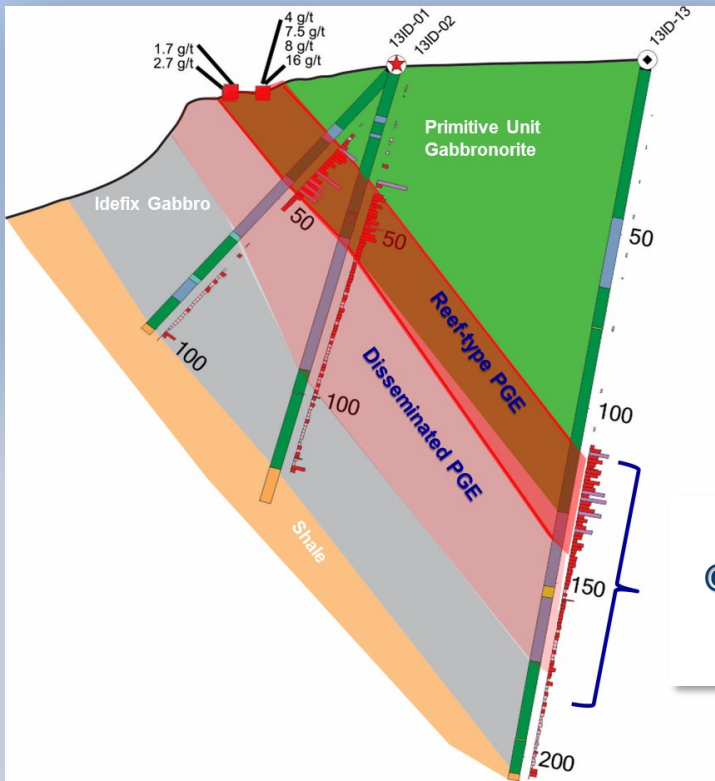
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## DISSEMINATED PGE POTENTIAL



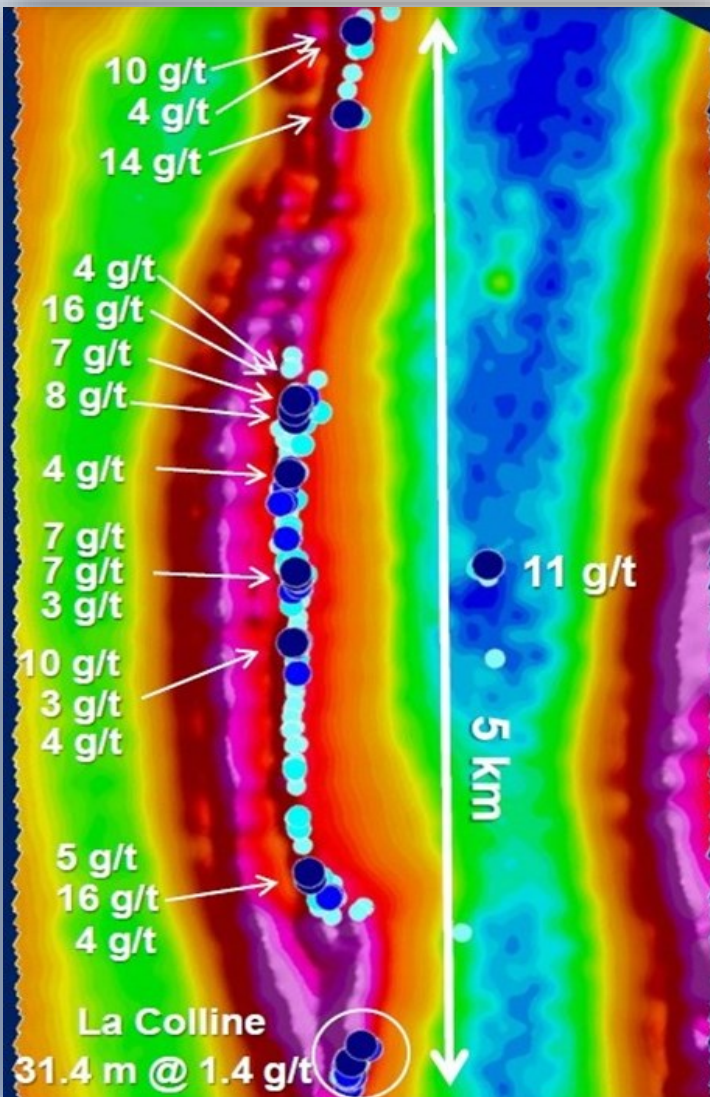
**60 metres  
@ 0.25 g/t PGE+Au  
(0.5% sulphide)**

“Reef”-type and disseminated mineralization defined over 5 km through surface sampling and drilling grading ~0.2 g/t PGE+Au over 50 metres true thickness.

Surface samples including channel samples up to 16 g/t PGE+Au indicate numerous pockets of higher grade.

Mineralization intercepted in drilling is associated with only 0.3% sulphide. Hence, an increase in sulphide to 3% could result in a 10x increase in PGE and copper grades as seen at the La Colline Showing.

La Colline sits at the southern end of the Idefix Sill. Channel sampling shows consistent grades in the range of 1 to 3 g/t PGE+Au.



### Idefix Sill



### RECOMMENDED WORK

- IP geophysical survey
- Second phase of diamond drilling