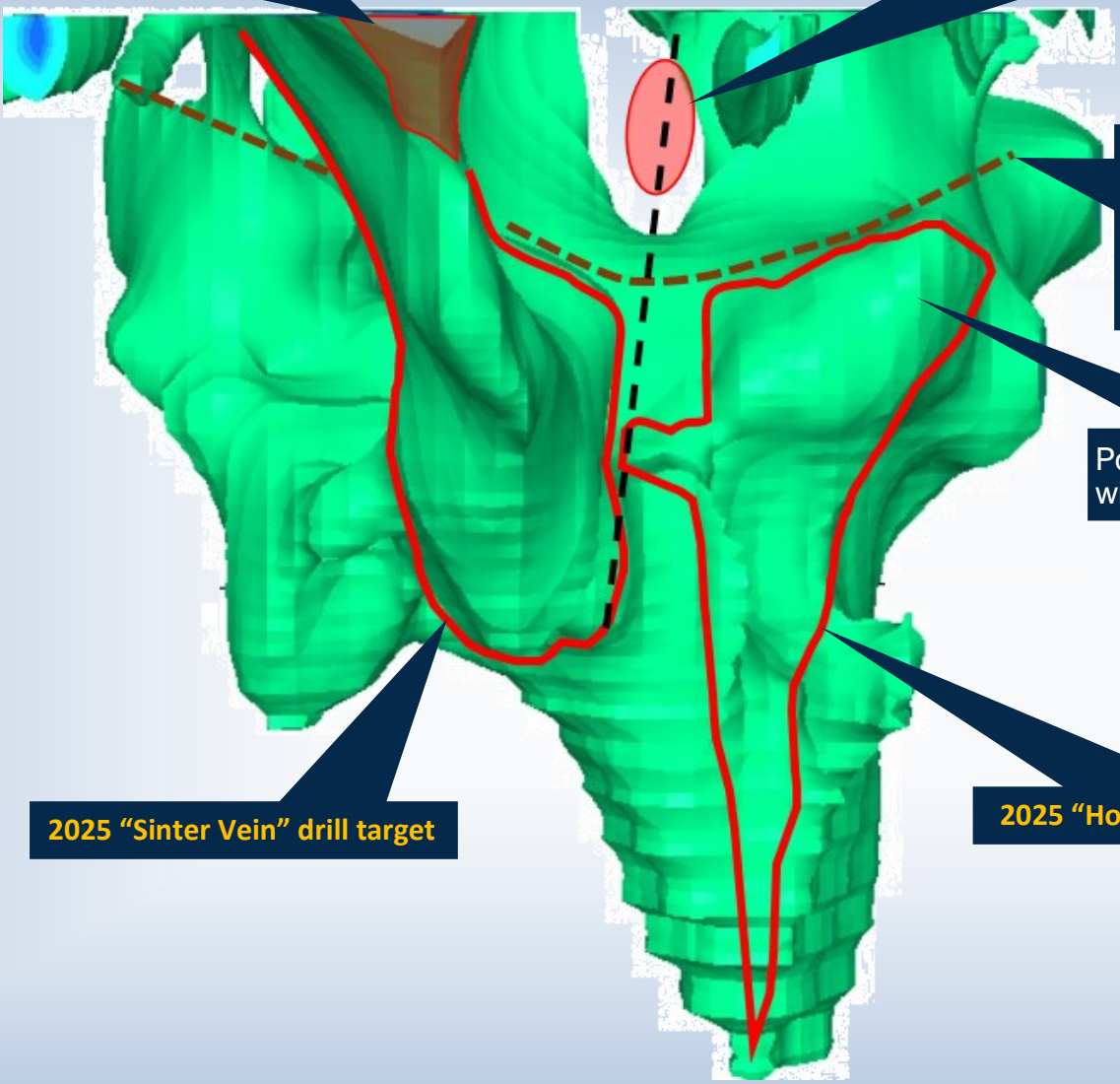
NORTHERNSHIELD RESOURCES INC.

ROOT & CELLAR
Gold-Silver-Tellurium & Copper Porphyry

3D SHELL MODEL OF MAGNETIC LOW, CONQUEST ZONE, LOOKING WEST

2023 Drilling/Discovery Trench Area
Hydrothermal vent breccia and sinter mound
Abundant visible gold with up to 78 g/t Au on surface
Drill intersections include 10.4 g/t Au over 1.5 m and 0.6 g/t Au over 34m

2021 Drilling
Mostly hydrothermal mineralization "leaking" up structure from main vein at depth



Lithological layer that is believed to have formed early in mineralizing event trapping much of the mineralization below it

Potential for bonanza grades/ widths below lithological trap

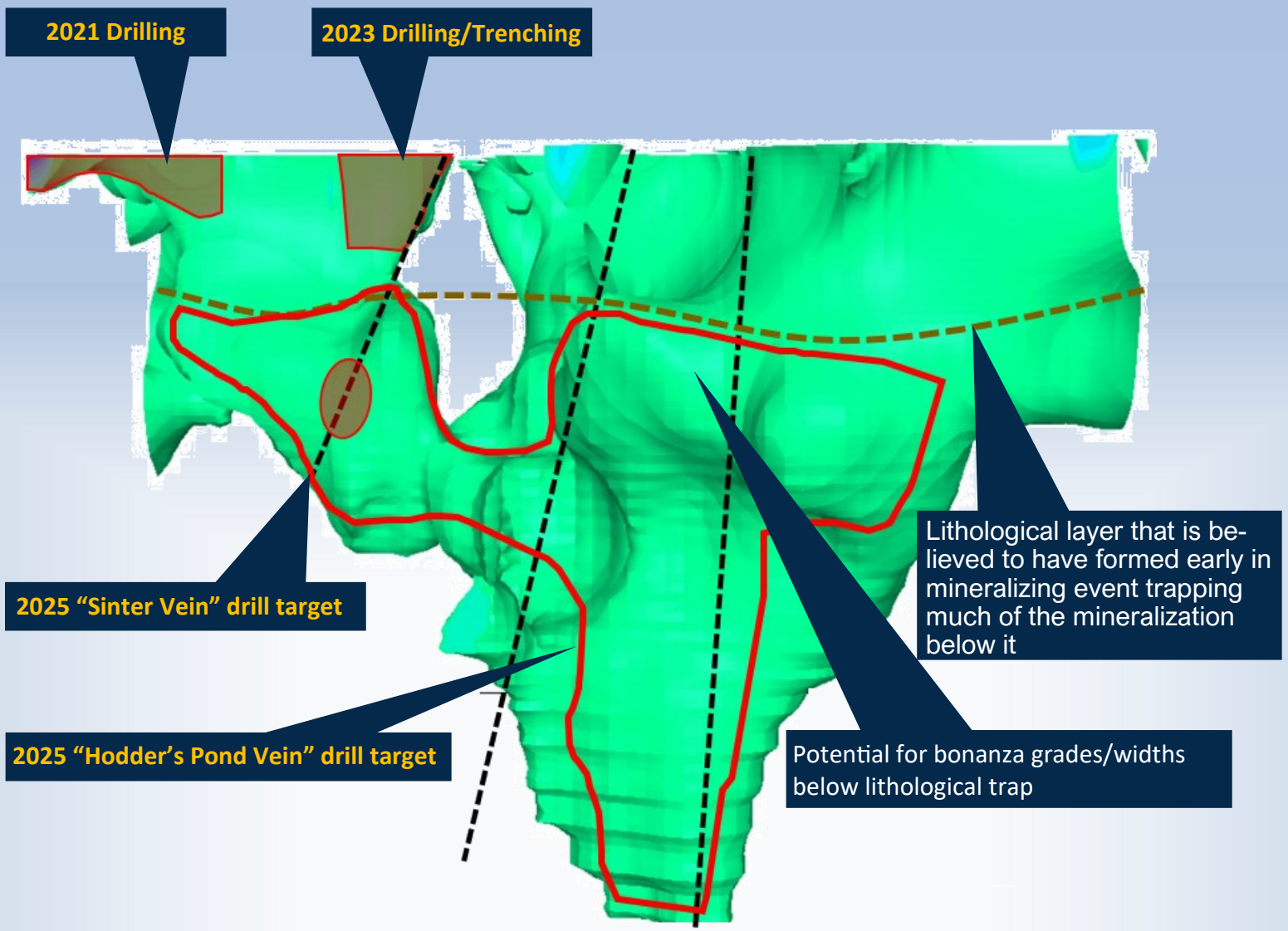
2025 "Sinter Vein" drill target

2025 "Hodder's Pond Vein" drill target

An excellent spatial correlation between mineralization, magnetic lows and IP chargeability anomalies exists in the Conquest Zone. This is extremely well exemplified in a 3D shell model showing zones of low magnetic susceptibility (turquoise).

As the fluids responsible for the gold mineralization would be expected to degrade the magnetic signature of the rocks in epithermal systems, the correlation is significant. Furthermore the geometry of the shell model at the Conquest Zone strongly reflects the geometry of a typical epithermal gold systems and provides a robust and confident targeting and exploration model.

3D SHELL MODEL OF MAGNETIC LOW, CONQUEST ZONE, LOOKING SOUTH



3D SHELL MODEL OF MAGNETIC LOW, CONQUEST ZONE, PLAN VIEW