Horizon Project

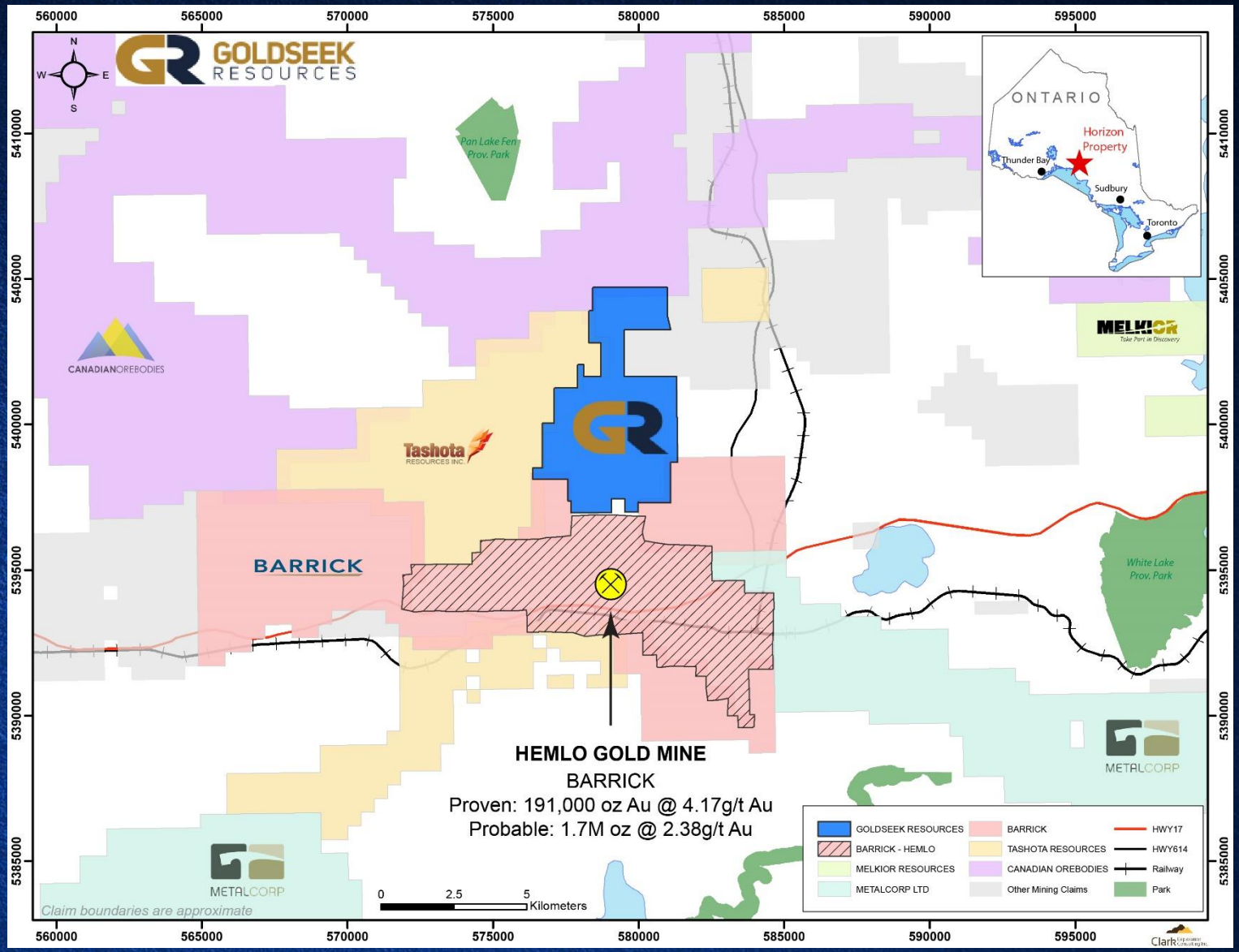
Hemlo Camp Wabikoba Lake Area, Ontario

SUMMARY - HORIZON

- >5,000 acres in the **Hemlo Camp**
- 3 Strong VTEM Anomalies
- Signs of renewed exploration potential in area by Barrick.
- **4KM** North of the Hemlo Deposits and shares 5KM border with Barrick
- IP survey completed April 2019 further defined VTEM Targets
- **Winter/Spring 2020 Maiden Drill Program Planned**

HEMLO AREA MAP

- Hemlo Gold Mines have produced >21 million ounces of gold over 30 years of continuous production.
- Located 350 km east of Thunder Bay, 37km east of Marathon, and 64km south of Manitouwadge.
- Nearby infrastructure; roads, rail, power, and skilled labour.
- Limited historical exploration and geologically similar to known Hemlo gold deposits
- Previously identified linear breaks in magnetics including WNW trending shears or fault which may splay from the regional E-W oriented Hemlo line of lode.



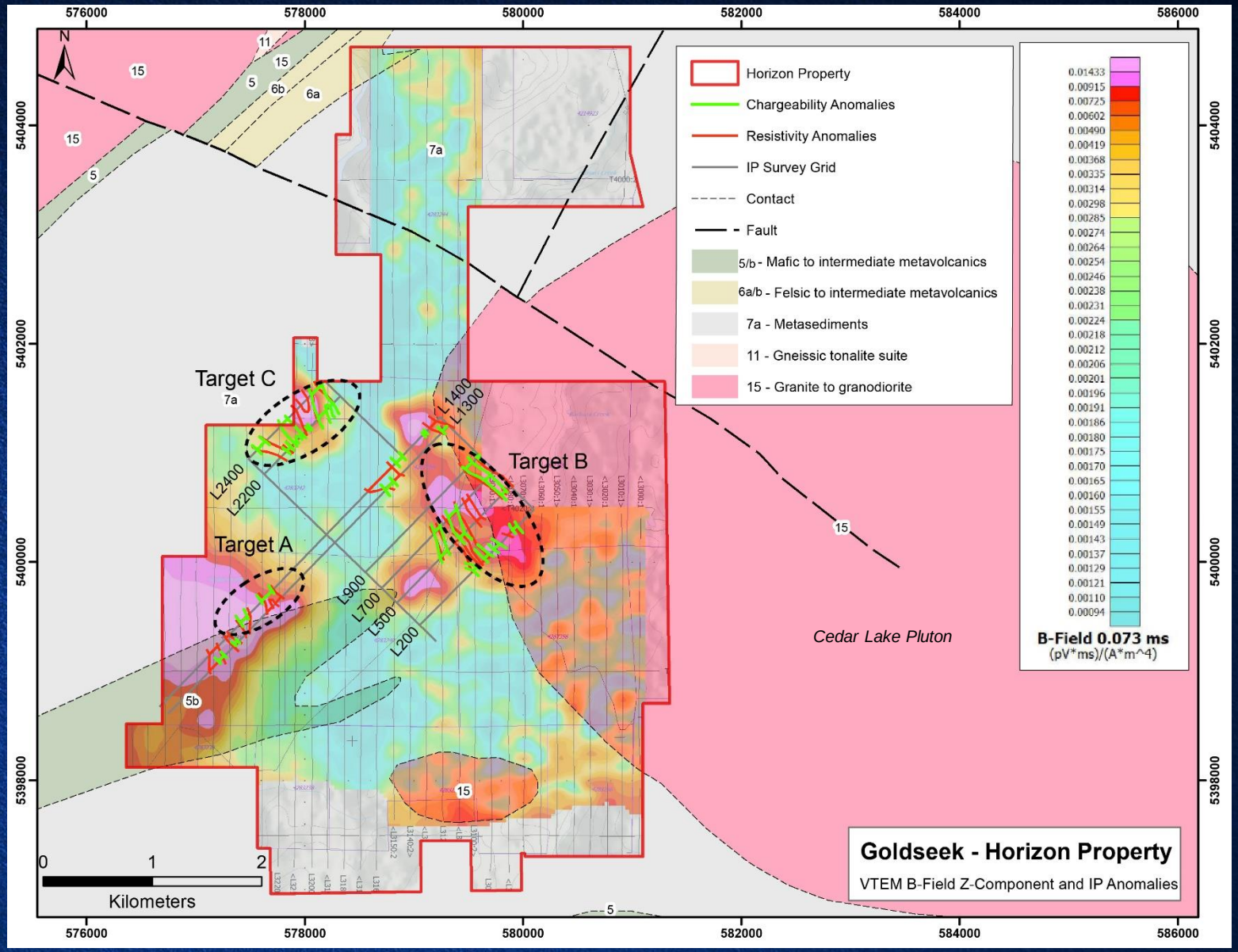
HORIZON – VTEM and IP TARGET SUMMARY

VTEM Airborne Survey
B Field Z Component

Target A - 3000 x 1800 m shallow (<100 m) conductor along the contact between mafic to intermediate metavolcanics with metasediments.

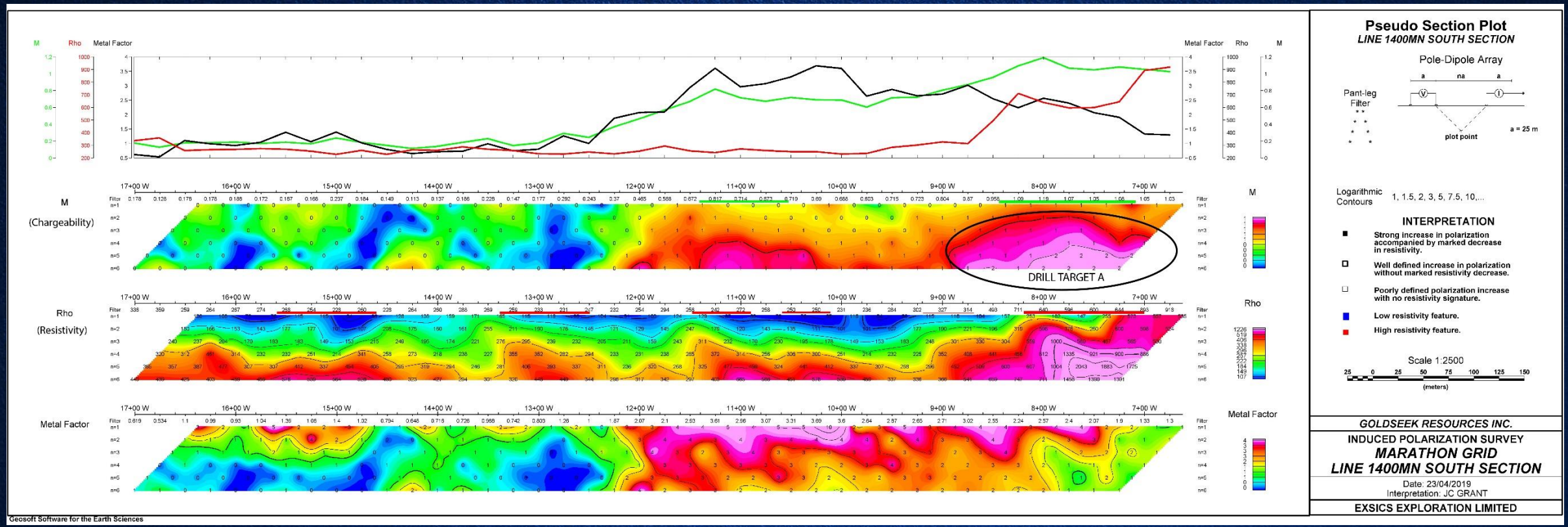
Target B - 1800 meter in length and 75 meter in estimated depth; occurring along contact area between Cedar Lake Pluton and metasediments

Target C - 250 m radius “bulls-eye” anomaly with over 600 meters of depth extent.



IP PSUDEOSECTION - Target A

- A moderate chargeability anomaly that has a very good and strong resistivity high correlation that continues to depth.
- This zone appears to be a broad target, but the shape of the response may suggest that survey line may be paralleling a portion of the structure.
- Anomaly correlates to broad shallow lithological conductor outlined in VTEM survey along contact between mafic to intermediate metavolcanics and metasediments

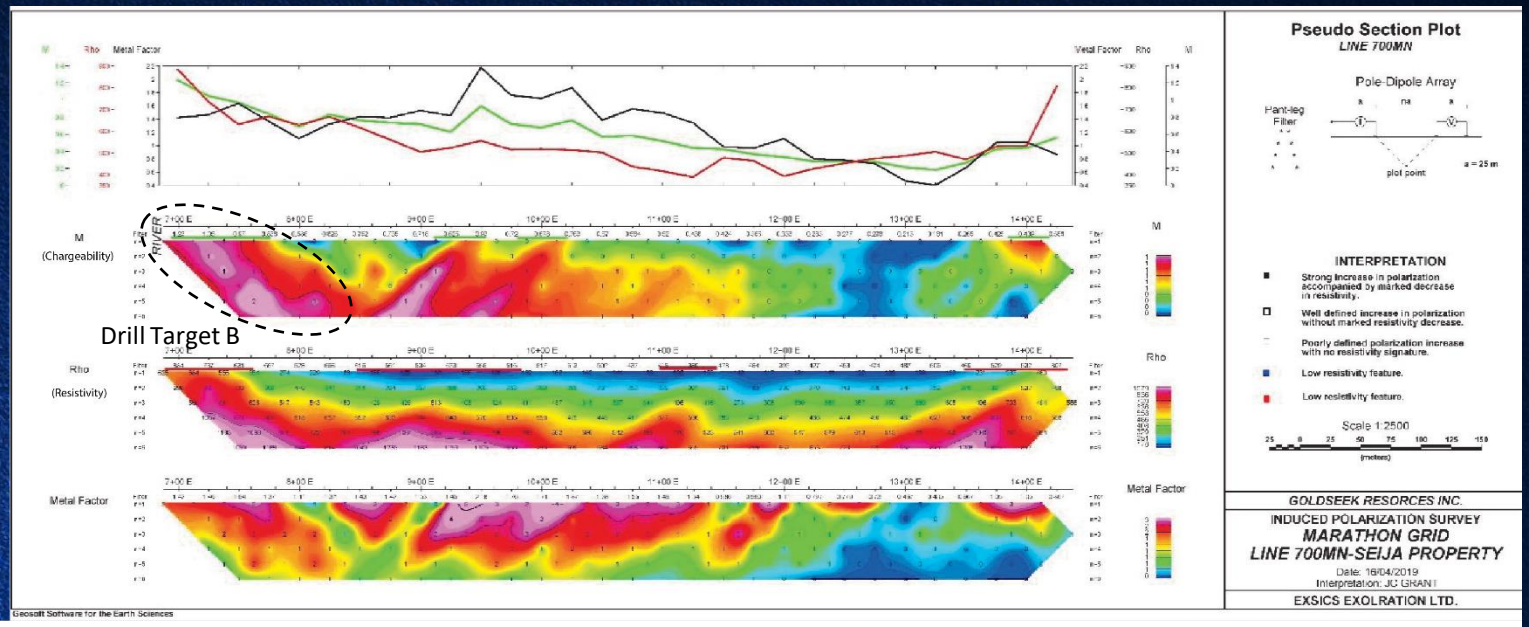


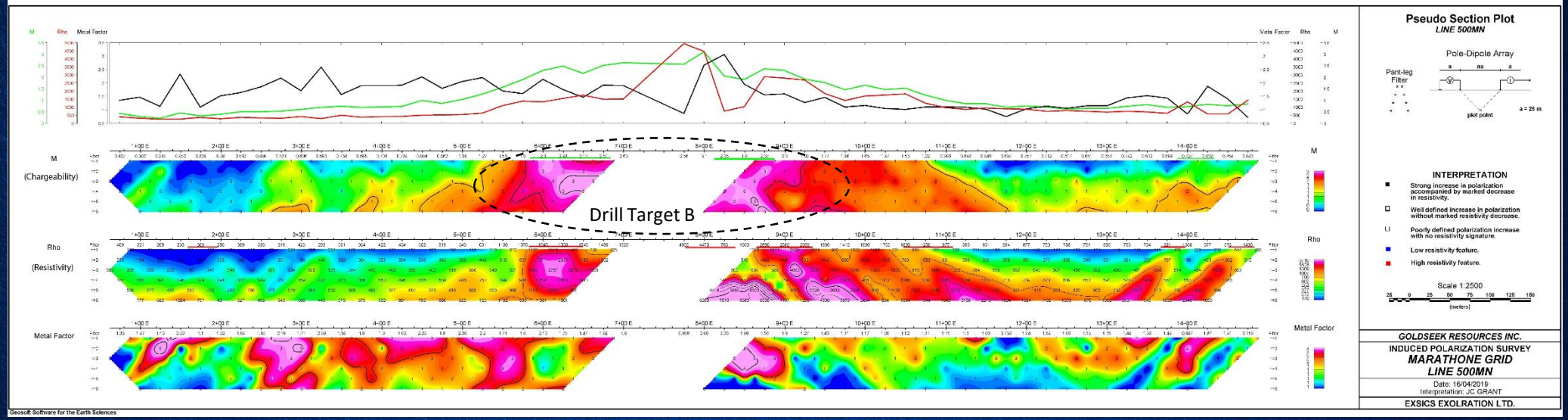
IP PSUDEOSECTION - Target B

L700MN
– Modest chargeability zone between 775ME and 675ME that correlated to a modest and deep resistivity high
- A second weaker zone lies between 900ME and 975ME and correlates with a deep-rooted resistivity high.

L500MN
- Cross-cut by river.
- Modest chargeability anomaly with an associated resistivity high on eastern and western flank of river.

Conductor is coincident with the NW-SE trending magnetic gradient anomaly. The shallow weakly conductive conductor is approximately 1800 meters in length, and 75 meters in estimated depth. It should be noted that the data within this zone may be affected by anthropogenic features.





IP PSUDEOSECTIONS - Target C

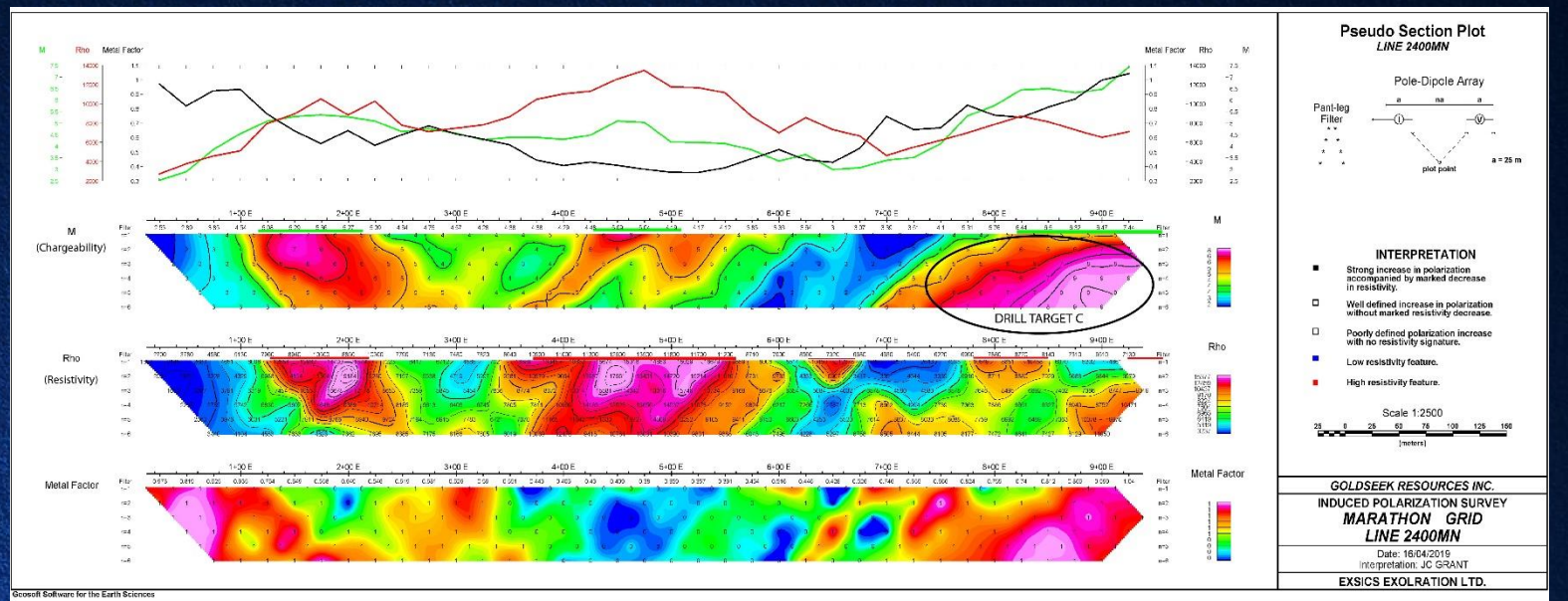
- Strongest IP zone outlined on the grid.

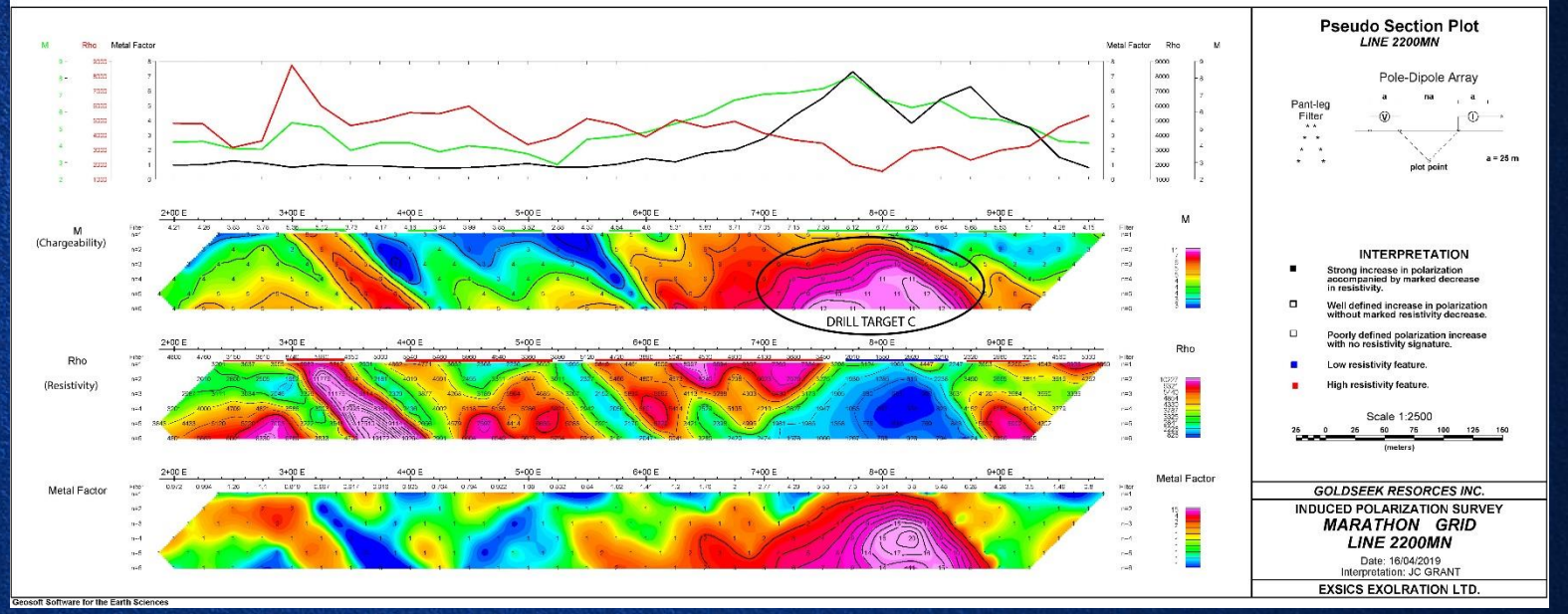
- Zone has a direct resistivity low correlation suggesting it is highly conductive bedrock feature and relatively close to surface.

- The zone correlates directly with a good magnetic feature as outlined in the in the airborne VTEM survey

- The “Bullseye” conductor is approximately 200 meters in diameter and 150m in estimated depth with depth extent continuing for several hundred meters.

- The anomaly occurs in metasedimentary rocks along the western edge of the Cedar Lake Pluton, a setting similar to that hosting the world class Hemlo deposits located 7.5km to the south.





2020 Work Program

Phase 1 – Winter (Feb/Mar) Drill Program:

- An initial program of 1,500meters of drilling is proposed on three anomalies outlined in both the 2017 Golden Peak airborne VTEM survey as well as the 2019 IP survey conducted on the Horizon property.
- The higher priority target is “Target C’ as this anomaly was the strongest IP conductor outlined in the 2019 survey. This zone also correlated with a good magnetic feature as outlined in the 2017 VTEM survey. Followed by ‘Target A’ and the lowest priority being ‘Target B’.
- VTEM Maxwell plate modelling as well as ground truthing of anomalies will be performed before drilling to obtain a better understanding of the orientation and depth of the conductors.

Target A:

- x2 200-300m holes

Target B:

- X2 150m holes proposed, 300 meters total.

Target C:

- 2 DDH Scissor on one set up to test extent of anomaly (x2 ~300m holes)