

DRILLING COMMENCES ON PAJINGO ANALOGUE, DRUMMOND EPITHERMAL GOLD-SB PROJECT

Trigg Minerals Limited (ASX: TMG) ("Trigg" or the "Company") is excited to announce the commencement of drilling at its SW Limey Prospect, which is a high-potential target similar to the nearby 3.6Moz Pajingo Gold Deposit. The month-long drill program will test several Induced Polarisation (IP) geophysical targets at the Drummond epithermal gold-sb-silver project in northern Queensland.

HIGHLIGHTS

- Trigg has identified several promising drill targets by analysing recent and reprocessed historical IP survey data, as detailed in the ASX Announcement on 2 July 2024, including:
 - i. **SW Limey** exhibits robust chargeability and resistivity anomalies, **indicating a preserved epithermal system comparable to the nearby Pajingo epithermal gold deposit**. Nearby, low-sulphidation epithermal quartz veining and silica sinter have yielded impressive historical rock chip sampling results, with gold values up to **55 g/t Au**.
 - ii. **Breccia Hill**: resistivity and chargeability anomalies have defined deep 'feeder' structures along with zones of significant breccia within a rhyolite dome like the Twin Hills-Lone Sister epithermal deposit further south, which hosts ~1 Moz of gold¹.
 - iii. **Quartz Ridge**: 3D reprocessing of historical IP data revealed a significant resistivity and chargeability anomaly at a critical structural intersection, which historical drilling has not tested.
- Economic grades of antimony (**up to 2.3% Sb**) have been discovered in the epithermal gold mineralisation at Police Creek².
- The RC and diamond drilling campaign will comprise six holes, totalling 1,280 meters of RC and 370 meters of diamond drilling. Trigg is fully funded for the upcoming drilling program.

Trigg Minerals Executive Chair Timothy Morrison said: " *Identifying a preserved epithermal system at SW Limey with an IP signature resembling the renowned Pajingo gold deposit is compelling and validates our team's thorough approach at Drummond.*

We appreciate the support of our shareholders and stakeholders that have allowed us to test these exciting prospects. In particular we would like to thank the Birriah People and the Old Glenroy grazier who have worked closely with us to support the program. We look forward to updating the market as the campaign progresses."

¹ GBM ASX Announcement: 5 December 2022, 'Twin Hills Gold Project Upgrades to ~1 Moz Mineral Resource'

² <https://crlcme.org.au/RegExpOre/PoliceCreek.pdf>





The SW Limey and Breccia Hill low sulphidation epithermal prospects lie on tenement EPM 18090. The Quartz Ridge Prospect, which forms part of the Panhandle-Sinter mineral system, lies on EPM26154.

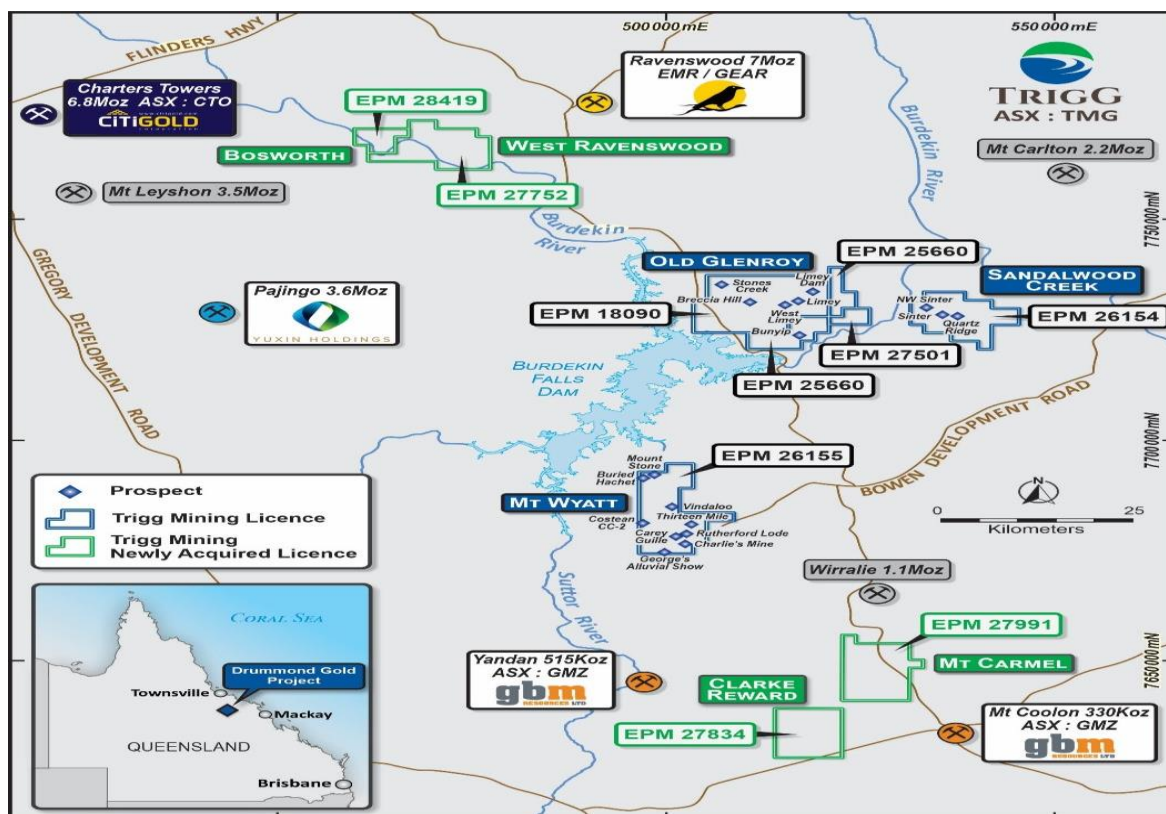


Figure 1: Location of Drummond Basic Project.

Results recap:

1. The SW Limey target (Figure 2), located at the southern end of the +4km Limey Trend, hosts low-sulphidation epithermal quartz veining and silica sinter along a 2km strike length with high gold and silver values up to 55 g/t Au and 9 g/t Ag in historical rock chip sampling. Trigg's reprocessing of historic IP data, in combination with the acquisition of new IP data via the extension of two previous IP lines, has identified strong chargeability and resistivity anomalies, indicating a preserved epithermal system.
2. Trigg's PDIP survey processing and integrated data interpretation have pinpointed three priority drill targets for the Breccia Hill prospect. The prospect features a significant zone of breccia within a rhyolite dome and shows similar geological and geophysical characteristics to the Twin Hills-Lone Sister epithermal deposit in the Drummond Basin, which hosts ~1Moz of gold.

Limited and mostly shallow historical drilling at the prospect did not adequately test the potential for higher-grade gold mineralisation at depth. Trigg's PDIP survey has identified promising resistivity and chargeability anomalies beneath the outcrop, suggesting untested deeper 'feeder' structures that could host higher-grade gold-sb-silver mineralisation (Figure 3). The interpreted feeder structures will be tested during Trigg's 2H 2024 drill program.

3. Quartz Ridge hosts epithermal vein structures within late Carboniferous volcanic rocks. While historical drilling intercepted limited quartz veining, 3D reprocessing of historic IP survey data has identified significant resistivity and chargeability anomalies at the intersection of major structural features (Figure 4).

The coincident geophysical responses at a key structural intersection represent a zone of increased epithermal vein volume with the potential for significant gold-sb-silver mineralisation.

This Announcement has been approved for release by the Board of Trigg Minerals Limited.

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IMPORTANT NOTICES**Forward Looking Statements**

This report contains forward-looking statements that involve several risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions, and estimates should change or to reflect other future developments.

Competent person statement

The information related to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on data compiled by Jonathan King, a Competent Person and Member of the Australian Institute of Geoscientists. Jonathan King is a director of Geoimpact Pty Ltd. Jonathan King has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Jonathan King consents to the inclusion in presenting the matters based on his information in the form and context in which it appears.



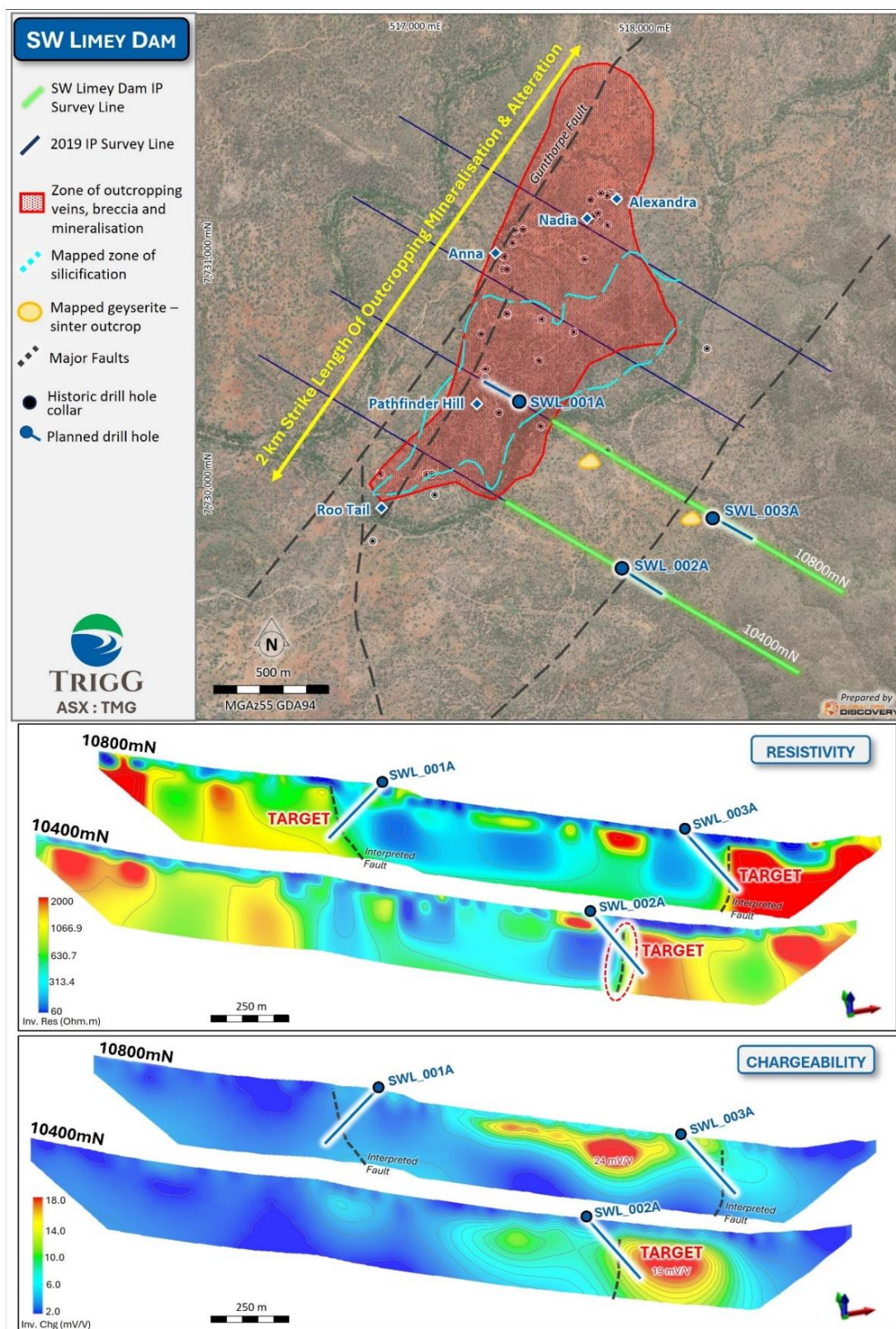


Figure 2: SW Limey plan (top) and cross sections 10400mN and 10800mN displaying 2D inversion resistivity and chargeability results, targets and proposed drill holes.

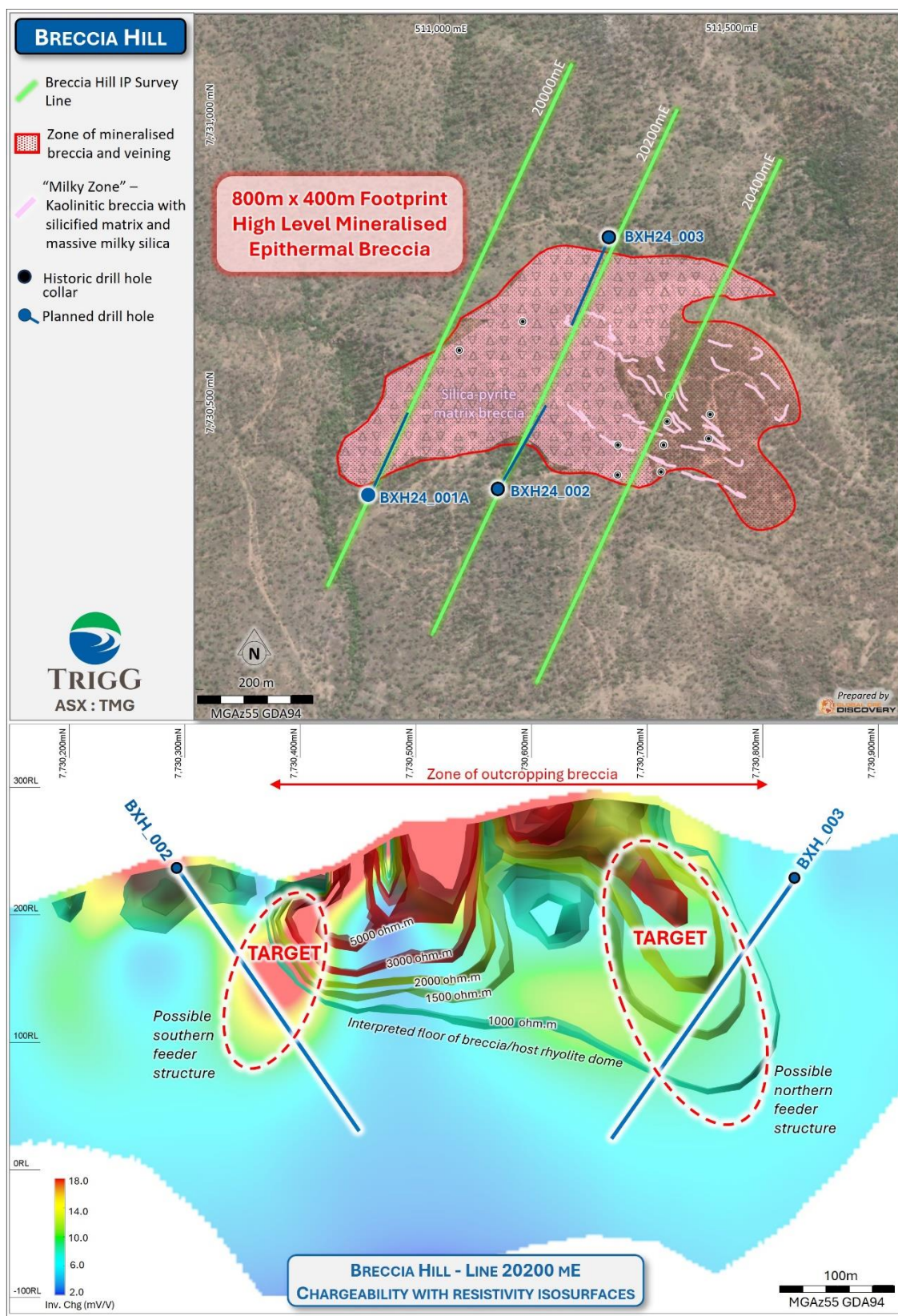


Figure 3: Breccia Hill plan (top) and cross section 20200mE (bottom) displaying 3D IP resistivity inversion iso-shells and 2D IP chargeability inversion image, targets and proposed drill holes.

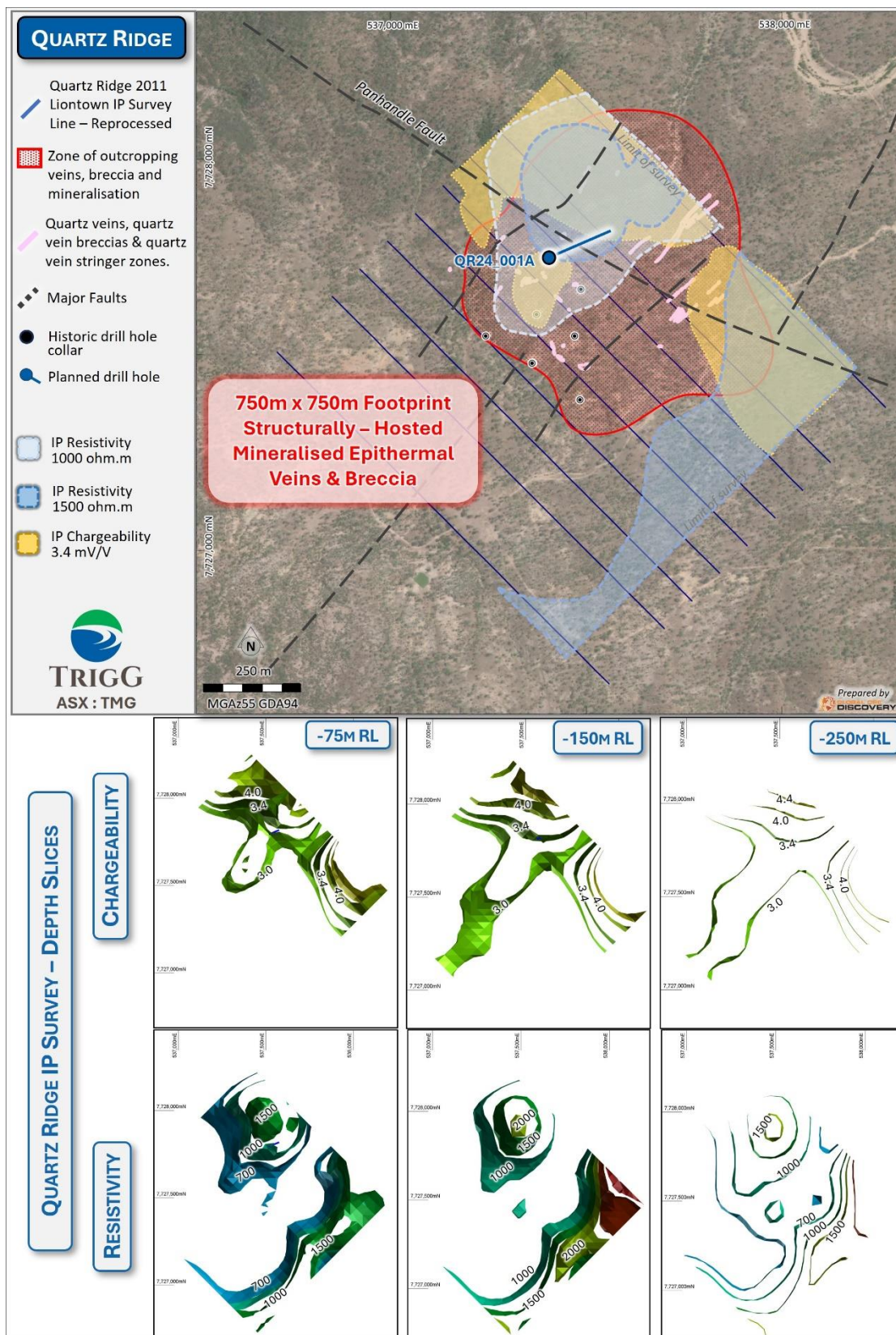


Figure 4: Quartz Ridge plan (top) and plan sections (-75mRL, -150mRL, -250mRL) (bottom) displaying 100m thick slices of 3D IP resistivity inversion iso-shells.

