TINKA RESOURCES LIMITED

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TSXV – TK; Frankfurt – TLD; Pinksheets - TKRFF

NEWS RELEASE **April 23, 2013**

Tinka Identifies 1.7 Km Anomalous Geophysical Strike Length At Ayawilca Project, Peru

Vancouver, Canada - Tinka Resources Limited (the "Company"), (TSXV: TK) (Frankfurt: TLD) (Pinksheets: TKRFF), announces that reports from the latest geophysical surveys conducted on the Company's wholly-owned Ayawilca project located in west-central Peru and approximately 40 km northwest of the Cerro de Pasco mine have been received.

The surveys and subsequent data processing were performed by Fugro Ground Geophysics Pty Ltd ("FGG"), Lima. The most recent program included an eastern extension to the induced polarization ("IP") surveys performed in 2010 and 2012. The 2013 IP survey consisted of 9.3 line-km along 5 lines; the combined survey now consists of 33.7 line-km along 17 lines, each spaced 100 m apart.

The data from the three surveys was combined and re-interpreted by FGG, and 3-D modeling was applied. Modeling of the IP data permits projection of interpretation to 225 m depth in the central and eastern parts of the area where a 50 m dipole spacing was employed and to 125 m depth in the western part of the survey area where a 25 m dipole spacing was used.

The 3-D inversion modeling has determined two significantly large chargeability anomalies: one in the northwest part of the study area, the other in the central to eastern part. The northwestern anomaly (27-40 mV/V) is much shallower than the eastern one; at 50 m depth it spans a distance nearly 1,200 m east-west by 400 m north-south. The stronger anomaly (25-45 mV/V) in the east-central part of the survey is up to 800 m long east-west by 800 m north-south at 200 m depth and remains open at depth and to the east. Between 100 m and 150 m the east-central anomaly spans the entire length of the survey area, almost 1,700 m east-west.

Zones of high resistivity are noted to about 100 m depth along the entire width of the survey area; these are replaced by zones of very low resistivity at 200 m depth in the east-central and southern portions of the area, but the results in the western portion of the grid are not known as the survey in that area did not penetrate to that depth. FGG has suggested that the high resistivity anomalies may be attributed to a "silica cap" and these anomalies are believed to represent the Gollarisquizga ("Gollyar") sandstones that overlie the Oyon formation to a depth of 125 m to 150 m from surface.

In addition to the latest IP survey, the entire area of the three surveys was tested with ground magnetics in 2013. Four significant anomalies were found: NW-SE trending linear features in northwest part of the grid, a small circular anomaly near the southern part and two broader, elliptical anomalies near the central and eastern parts of the grid.

The magnetic anomalies largely overlap the coincident high chargeability/low resistivity IP anomalies. Based on the Company's drilling data thus far, the magnetic anomalies can be accounted for by the presence of massive and semi-massive pyrrhotite and magnetite that commonly occurs with sphalerite, pyrite and lesser galena, arsenopyrite and chalcopyrite. Similarly, the high chargeability and low resistivity anomalies can be attributed to these same sulphides and strong argillic alteration, respectively.

Based on the ground truth obtained thus far, there appears to be a strong correlation between observed sulphide mineralization in drill core and the three types of geophysical anomalies. This correlation greatly enhances the

potential for discovering further mineralization along these anomalies which remain open and untested east, north and south within the overall anomalous area that spans up to 1,700 m east-west by up to 2,000 m north-south.

Selected images of this data are provided at the end of this news release.

The qualified person for the Company's projects, Mr. John Nebocat (P.Eng.), V.P. of Exploration for the Company, has reviewed and approved the contents of this news release.

About Tinka Resources Limited (TSXV:TK) (Frankfurt:TLD) (Pinksheets:TKRFF):
Tinka is a junior resource acquisition and exploration company. Tinka's main focus is on its 100% owned Colquipucro and Ayawilca projects located in the highly mineralized silver-lead-zinc belt of Central Peru.

On behalf of the Board,

"***Andrew Carter***"
Andrew Carter, President & CEO

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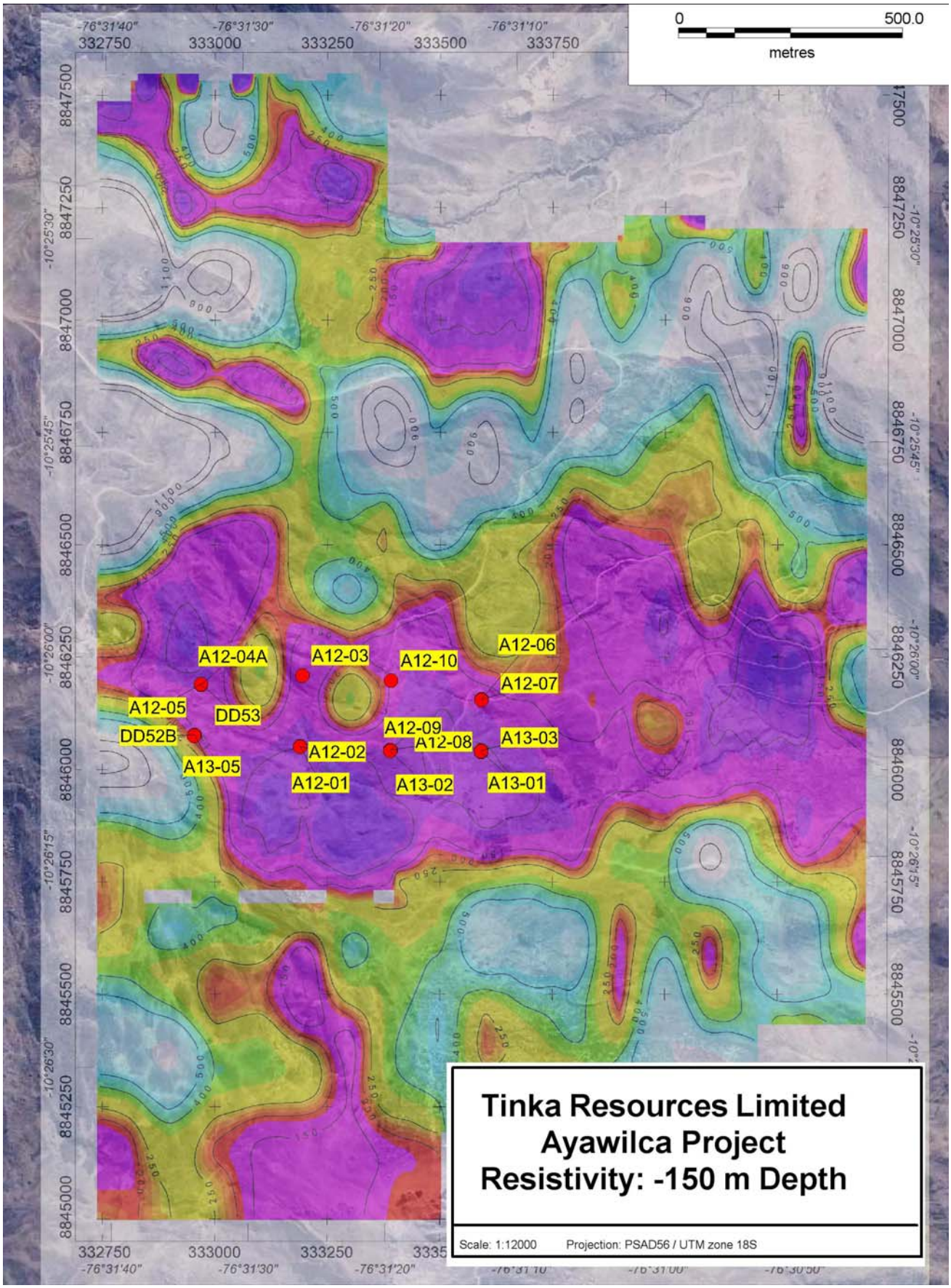
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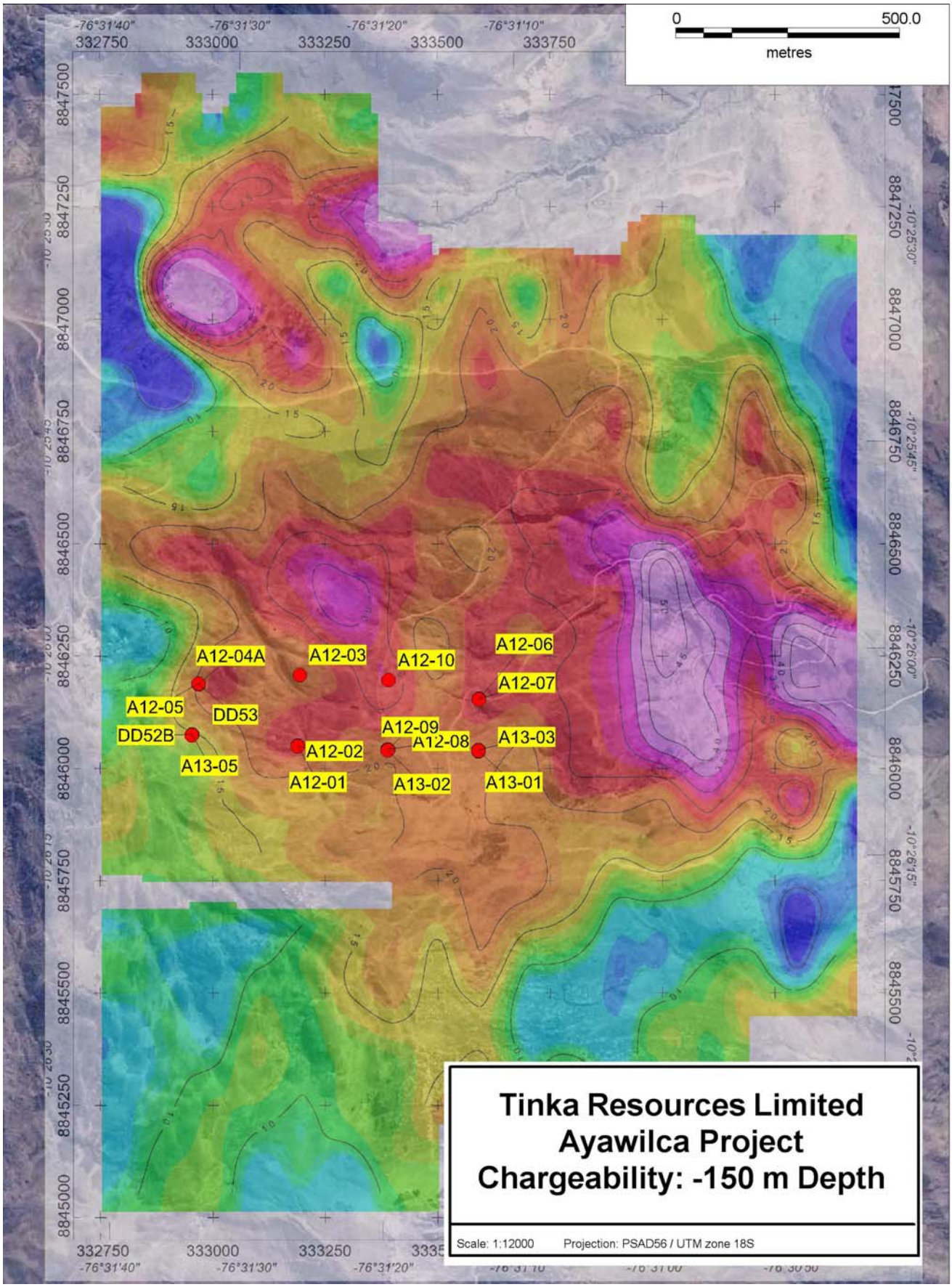
Tinka Resources Limited
Ayawilca Project
Resistivity: -150 m Depth
Scale: 1:12000
Projection: PSAD56 / UTM zone 18S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Tinka Resources Limited
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Chargeability: -150 m Depth
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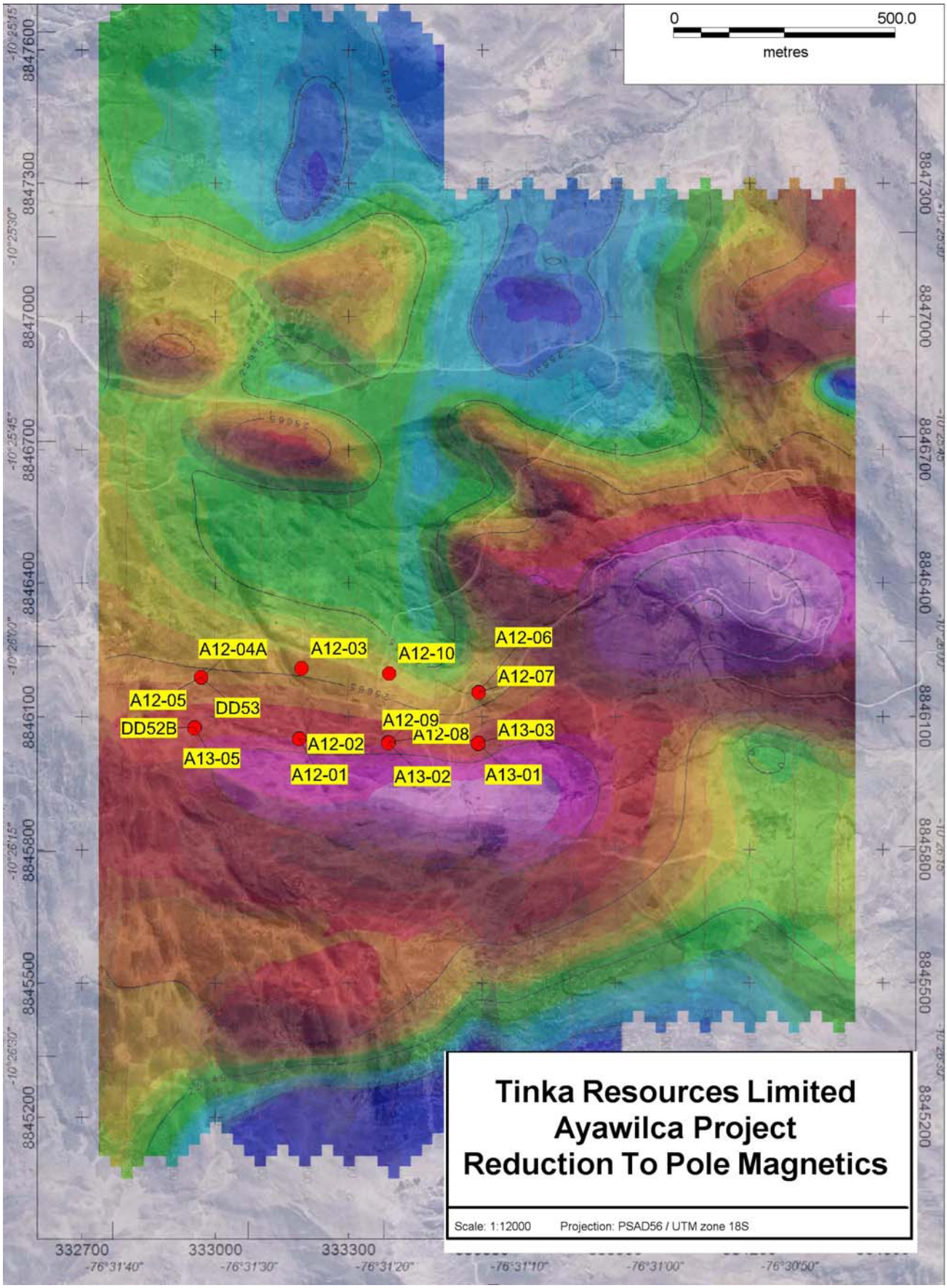
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Tinka Resources Limited
Ayawilca Project
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Projection: PSAD56 / UTM zone 18S
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