

CUSTOMER SUCCESS STORY



CLIENT: GSM GEOSCIENCE



INDUSTRY: MINING CONSULTANTS



LOCATION: AFRICA

"PA Explorer is the only tool in the Geoscience market that allies a competitive price, effective tools for processing, visualization and integration of data. We save time integrating our data and make better decisions about drilling."

João Paulo Gomes de Souza
Chief Geophysicist, GSM Geoscience

CUSTOMER

GSM is a Brazilian mining geophysics company, specialised in geophysical solutions for the mineral exploration industry. The company has used Datamine's solutions for over two years. PA Explorer has allowed them to analyse and present geophysical data in profiles, maps and 3D displays to leading mining organisations.

THE CHALLENGES

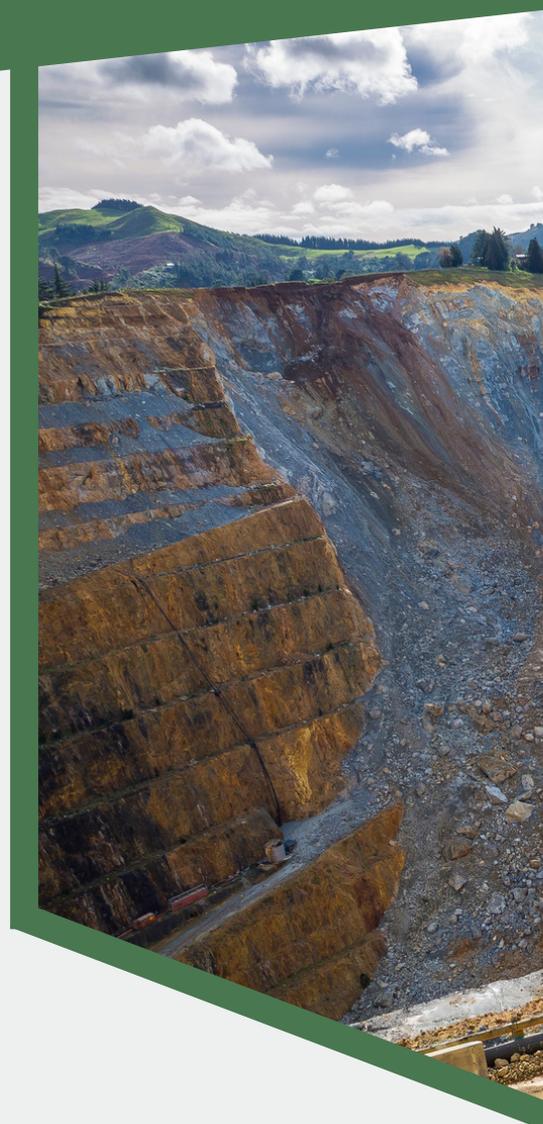
GSM Geosciences identified challenges within their data collection and analysis, which was impacting overall efficiency and business performance. The company needed a software solution to process, integrate and allow optimal visualization for geophysical and geological data, especially Electromagnetic data. Prior to implementing PA Explorer, GSM was investing a lot of time using other tools to integrate and visualise data, this had detrimental impacts on the project timeframe.

GSM required a tool to visualise and compare line data, profiles, grids, models, images, drillholes, maps and 3D visualisations in a single interactive environment. Also, a solution that was easy for their staff to use and that could improve the quality of final deliverables.

THE SOLUTION

"We evaluated all tools available in the market and the Datamine team was very supportive in helping us during the evaluation and purchasing period, making us feel very confident about this business decision."

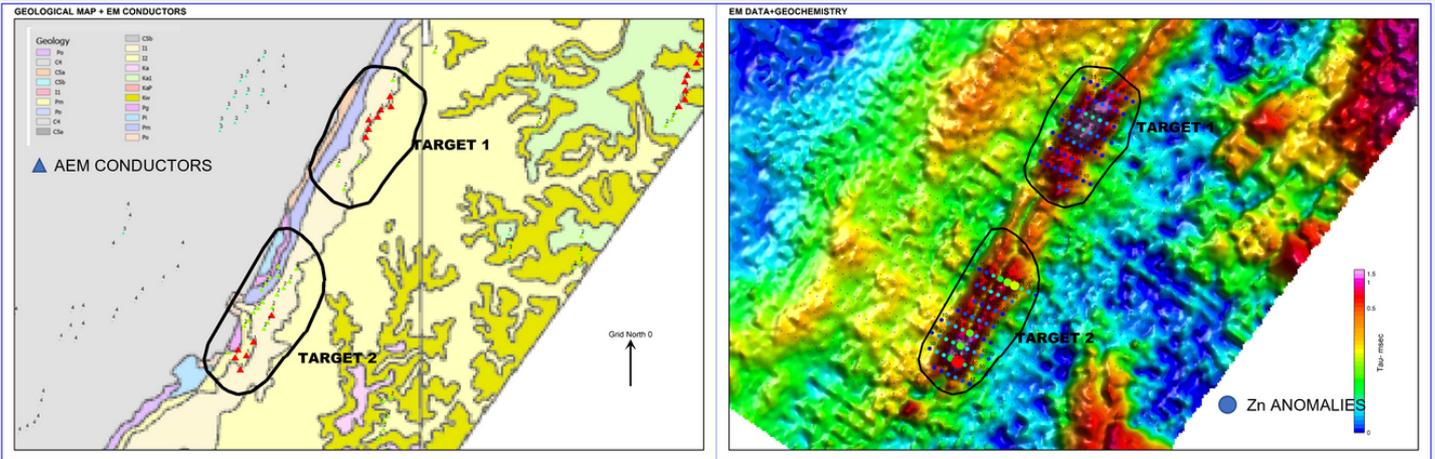
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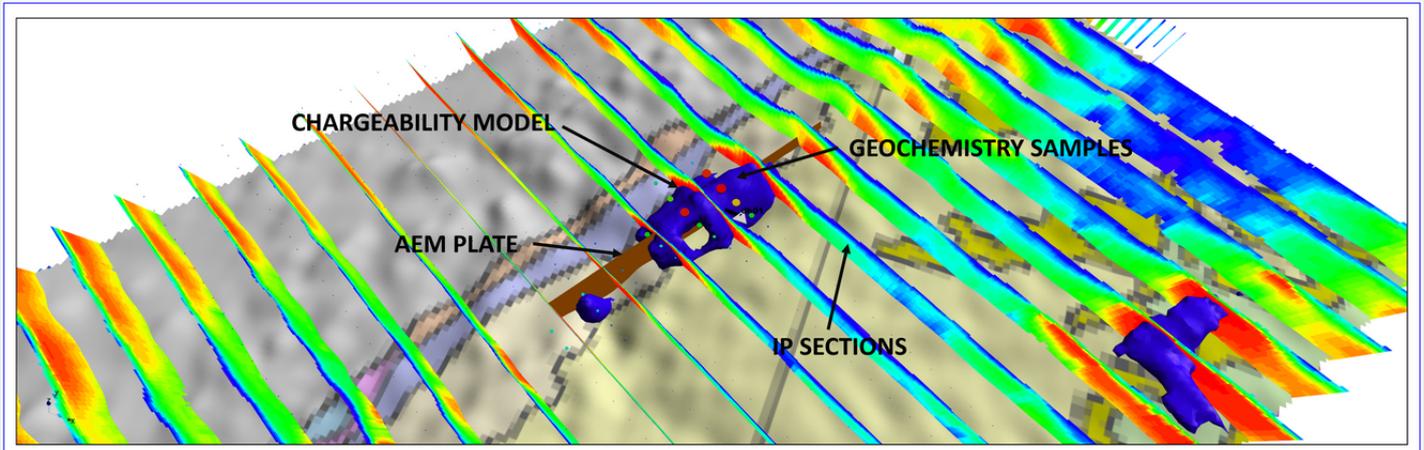
By using PA Explorer, the GSM team now get real benefits, increasing efficiency and saving time, allowing them to focus on other areas of their business.

The business is currently setting up their geological database to be integrated with their geological modelling. PA Explorer delivers more results from other existing software investments through better use of visualisation and cross-product integration.

PA Explorer also allows data linking between profiles and 2D maps that can make it easier for the client to pick a feature in one view and have its location shown in another.



Geological map showing the VTEM first priorities conductors and the two targets selected



Geological map with IP section integrated with chargeability 3D model, EM plate model and the Zn geochemistry.

THE RESULTS

PA Explorer is a world-class application for analysing and presenting geophysical data in profiles, maps and 3D displays. The information that can be analysed by this software includes single or multi-channel data acquired from airborne or ground surveys, including electro-magnetic (AEM) and potential field (gravity or magnetic) data.

PA Explorer is the most cost-effective, advanced geophysical interpretation tool available today and provided GSM a complete solution for geophysical data visualisation, interpretation and report production.

With PA Explorer you can visualise and compare your line data, profiles, grids, models, images, drillholes, maps and 3D visualisations in a single interactive environment. It also allows live data linking between profiles and 2D maps so that you can easily pick features and anomalies in one view and its location will display across all plots.

Out of the box you can do some amazing things, quickly build powerful applications-specific Displays, replacing complex workflows using our unique application template designer.

To find out more contact Datamine at www.dataminesoftware.com







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