♣ Modeling of Magnetic Data to Explore Alteration in Association with Cu-Porphyry Ore

1) Oasis Montaj Software

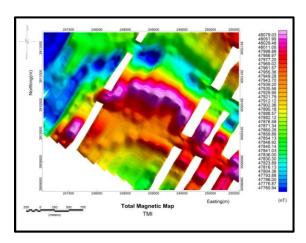


Fig 1. Total Magnetic Map

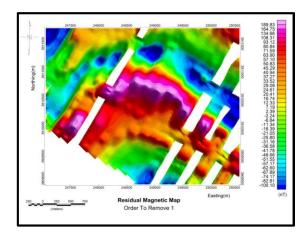


Fig 2. Residual Magnetic Map

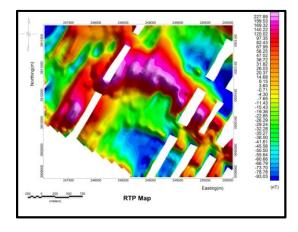


Fig 3. Reduced to Pole Map

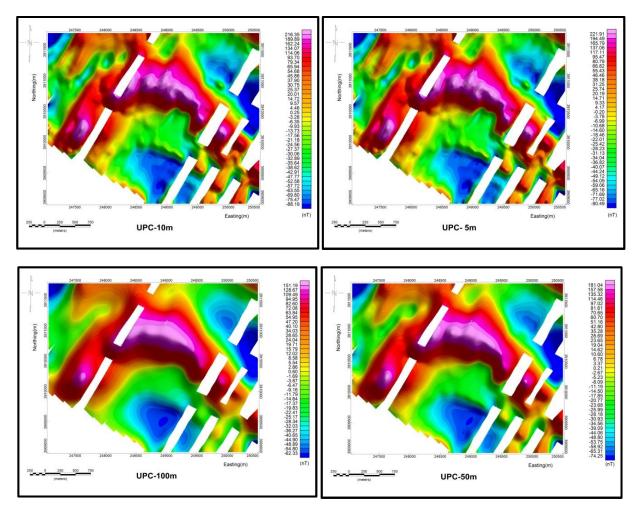


Fig 4. Upward Continuation Maps

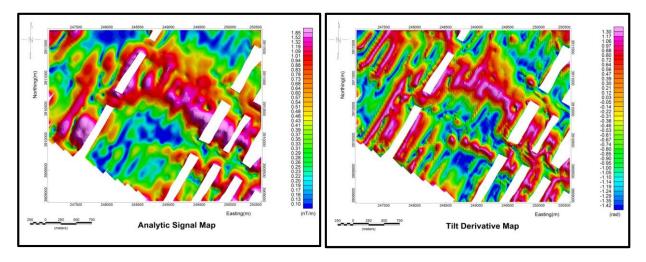


Fig 5. Analytic Signal Map

Fig 6. Tilt Derivative Map

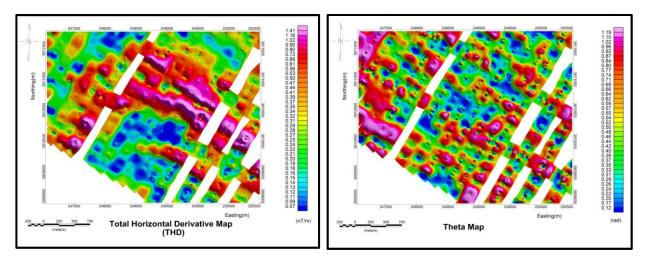


Fig 7. Total Horizontal Derivative Map

Fig 8. Theta Map

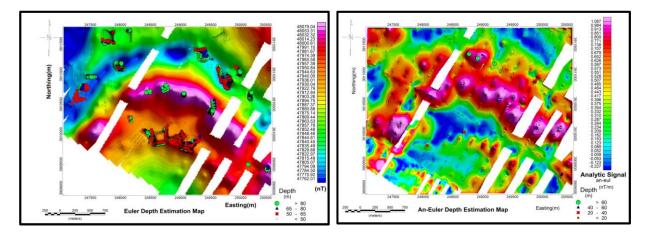


Fig 9. Euler Depth Estimation Map

Fig 10. Analytic Signal-Euler Depth Estimation Map

2) ModelVision Software

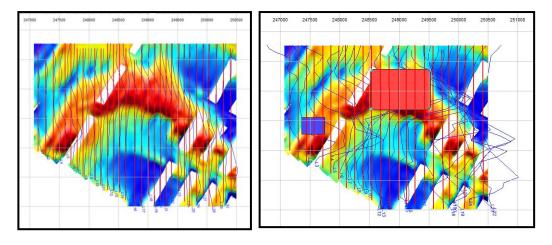


Fig 11. Drawn Profiles on the Map
Fig 12. Volumes Attributed to the Source of the Magnetic Anomaly

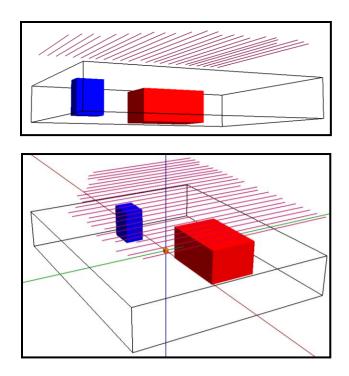
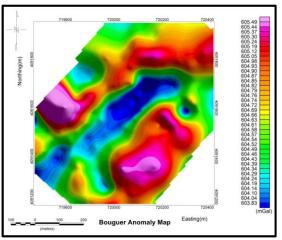


Fig 13. 3D View of Volumes

♣ Modeling of Gravity Data for Potash Exploration

4 Oasis Montaj Software



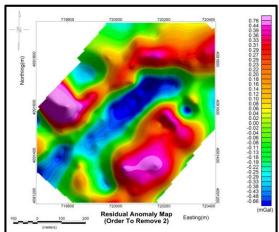


Fig 14. Bouguer Anomaly map

Fig 15. Residual Anomaly Map

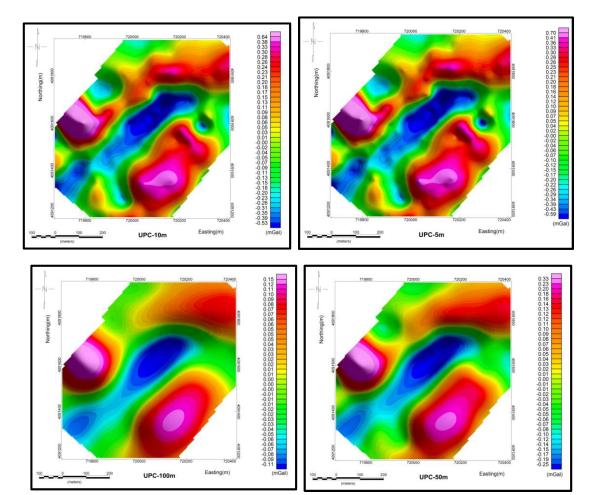


Fig 16.Upward Continuation Maps

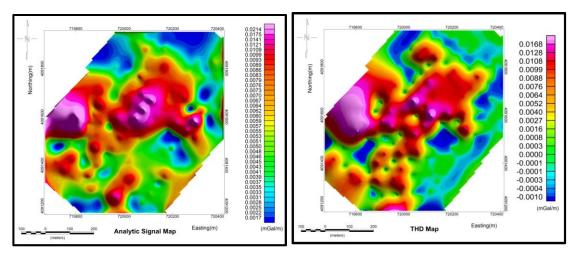


Fig 17. Analytic Signal Map

Fig 18. Total Horizontal Derivative Map

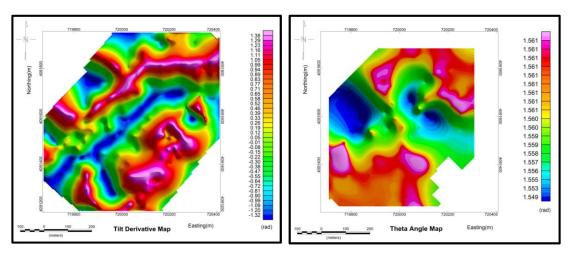


Fig 19. Tilt Derivative Map

Fig 20. Theta Angle Map

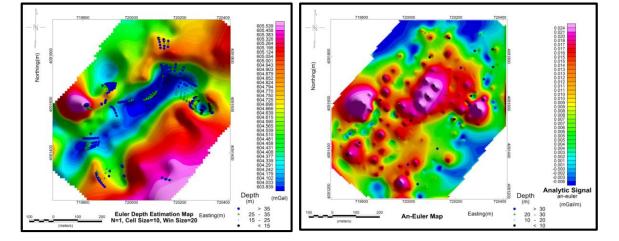


Fig 21. Euler Depth Estimation Map Fig 22. Analytic Signal-Euler Depth Estimation Map

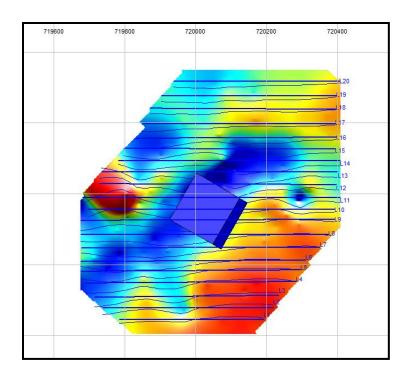


Fig 23. Residual Anomaly Map with Drawn Profiles and Attributed Volume to Gravity Anomaly Source

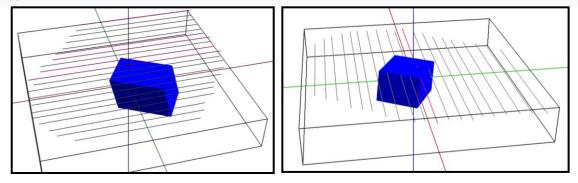


Fig 24. Three-Dimensional View of the Specified Volume