Automated Geology from Drill Hole Data

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The image shows a section of a drill hole with depth measurements in meters. The graph on the left plots Depth (m) against Depth (m), indicating a vertical section of the drill hole. The graph on the right plots Scale against log(Al/Ti) and log(Cr/Al/Ti), with different color codes indicating different rock types:

- Basalt
- Komatiite
- High Cr
- Med Cr
- High Al
- Low Cr

The color legend on the right outlines the rock types and their respective depth ranges. The graph on the right also includes a scatter plot of log(Cr/Al/Ti) against log(Al/Ti), showing the distribution of data points across the scale.
Correlation between 3 drill holes using rock packages

- Basalt
- komatiite
- High Cr
- Med Cr
- High Al
- Low Cr
- Andesite-Dacite

Diagram showing the correlation between three drill holes using rock packages.
Architecture of a Ni-PGE orebody in a layered intrusion

Data: ~ 90,000 Assays (from approx. 100 km core) including S, Ni, PGE
schematic model

- Red: High Ni
- Yellow: Moderate Ni - High Pd
- Green: Moderate Ni - Low Pd
- Blue: High S - Low Ni
- Grey: Outline of the Kevitsa intrusion

500 m

50 m
Accurately locating shale marker beds

Gamma: average log (counts)

Depth (m)