Automated Geology from Drill Hole Data

Dr June Hill Senior Research Scientist February 2018

MINERAL RESOURCES www.csiro.au



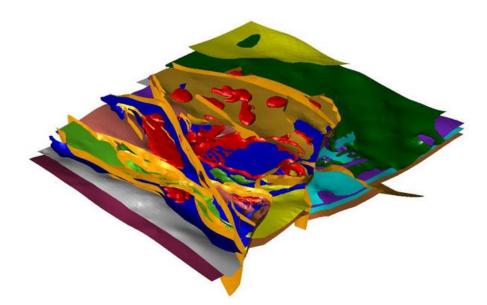
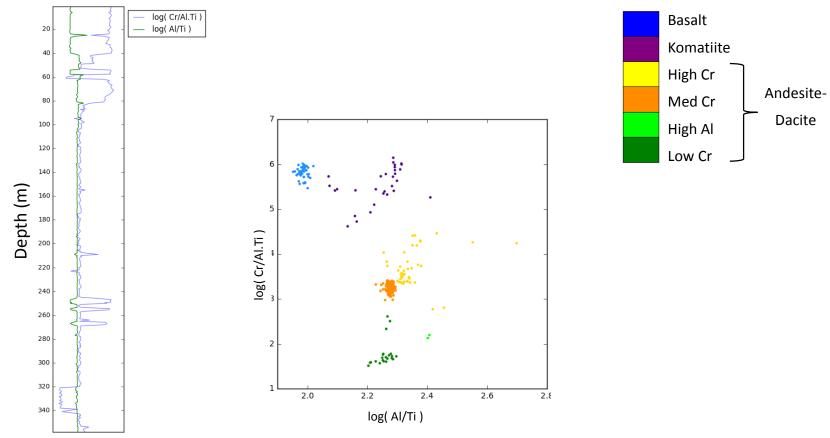


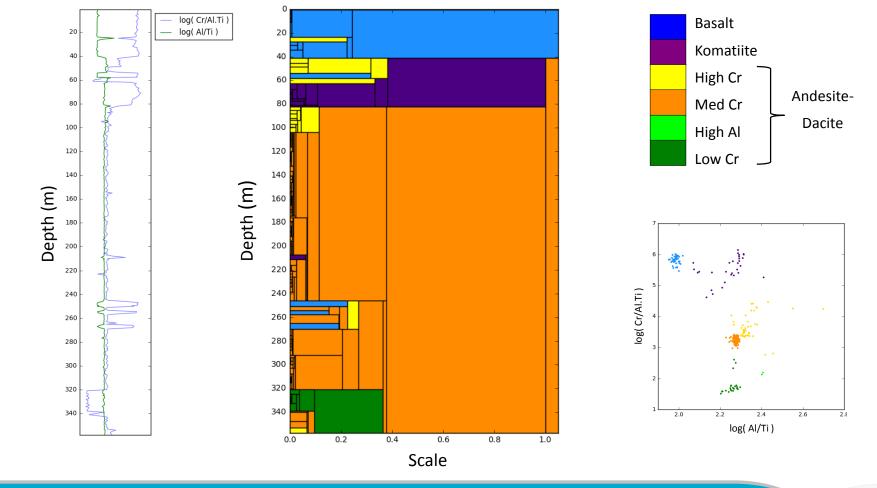
image source: GlassTerra



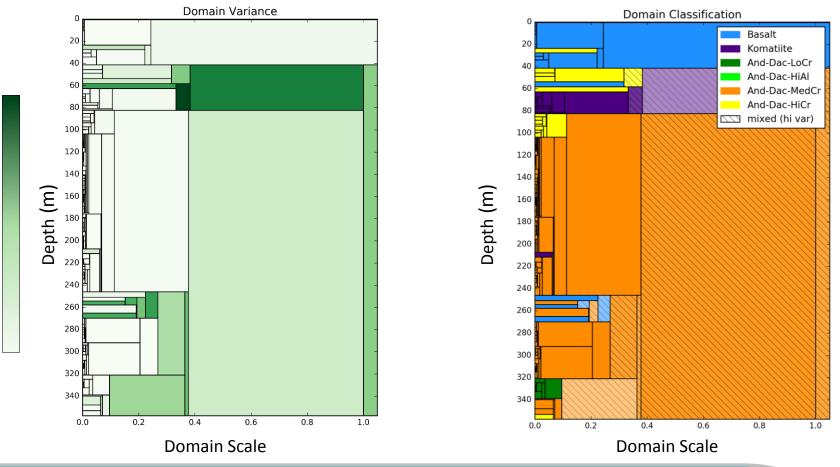


Classification: Steve Barnes

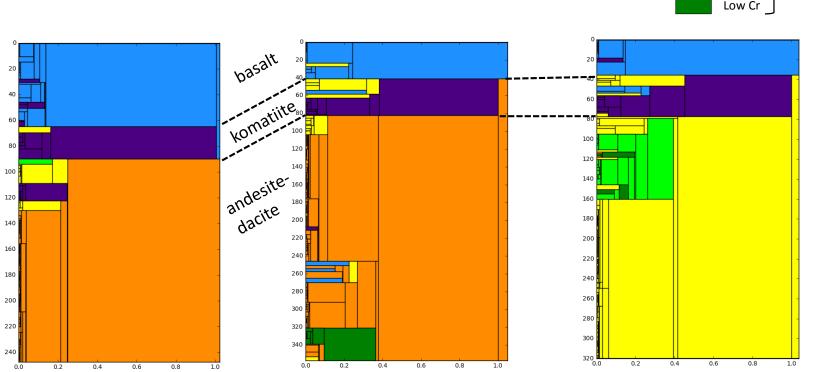




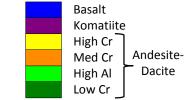
4 | Automated Geology from Drill Hole Data | June Hill





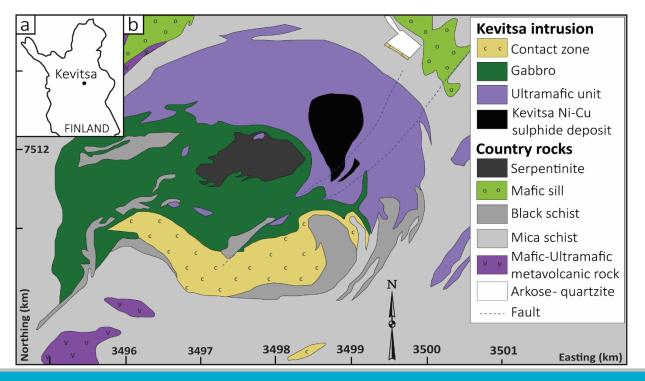


Correlation between 3 drill holes using rock packages

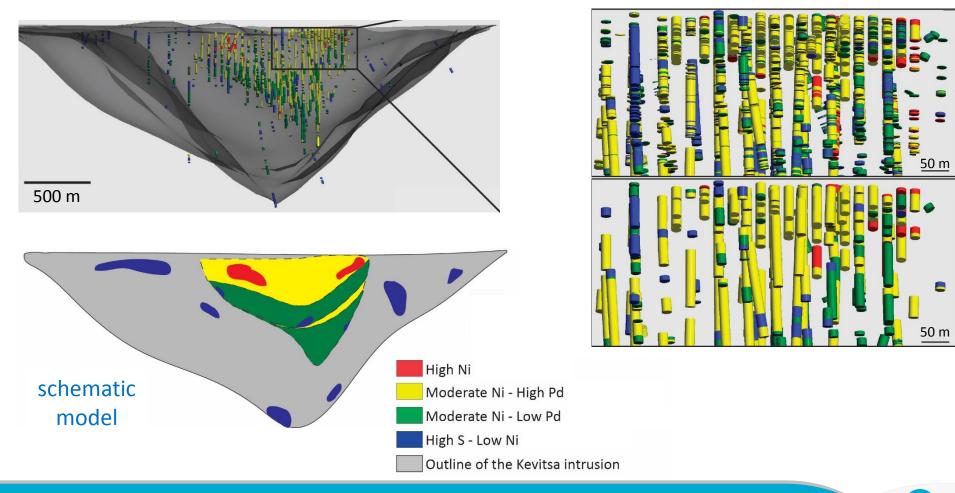


Architecture of a Ni-PGE orebody in a layered intrusion

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







Accurately locating shale marker beds



Gamma: average log (counts)

