Omu Sinter

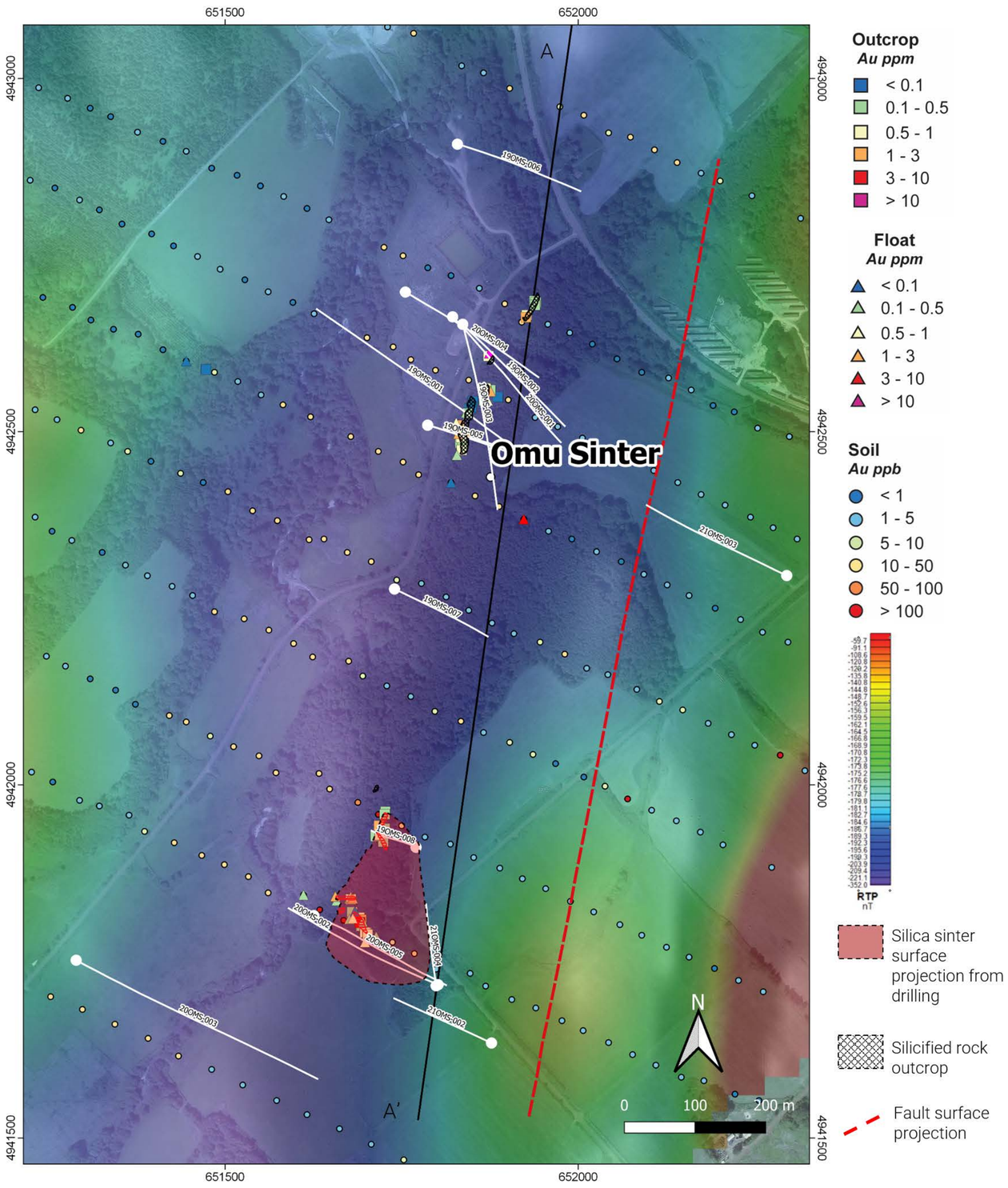


Fig. 1 Magnetic survey, rock chip and soil geochemistry data of Omu SInter Prospect. Drill hole projections also shown.

Omu Sinter Prospect

The Omu Sinter prospect was discovered by Irving Resources in 2016 during a district reconnaissance along a 1km-long steep slope on the eastern margin of a NE-trending valley.

Fig. 2 Northern Omu Sinter features several outcrops of intensely silicified rhyolite, breccia and volcaniclastic deposits

Fig. 3 Southern Omu Sinter features several outcrops silica sinter with alternating laminated silica sinter and sinter clast breccias

Fig. 4 Step-like feature of terracettes (21OS-SF-OC016, 0.38ppm Au)

Fig. 5 Finely laminated with bubble mat (21OS-SF-OC023, 0.233ppm Au)

Fig. 6 Sinter clast breccia (21OS-SF-OC011, 0.448ppm Au)

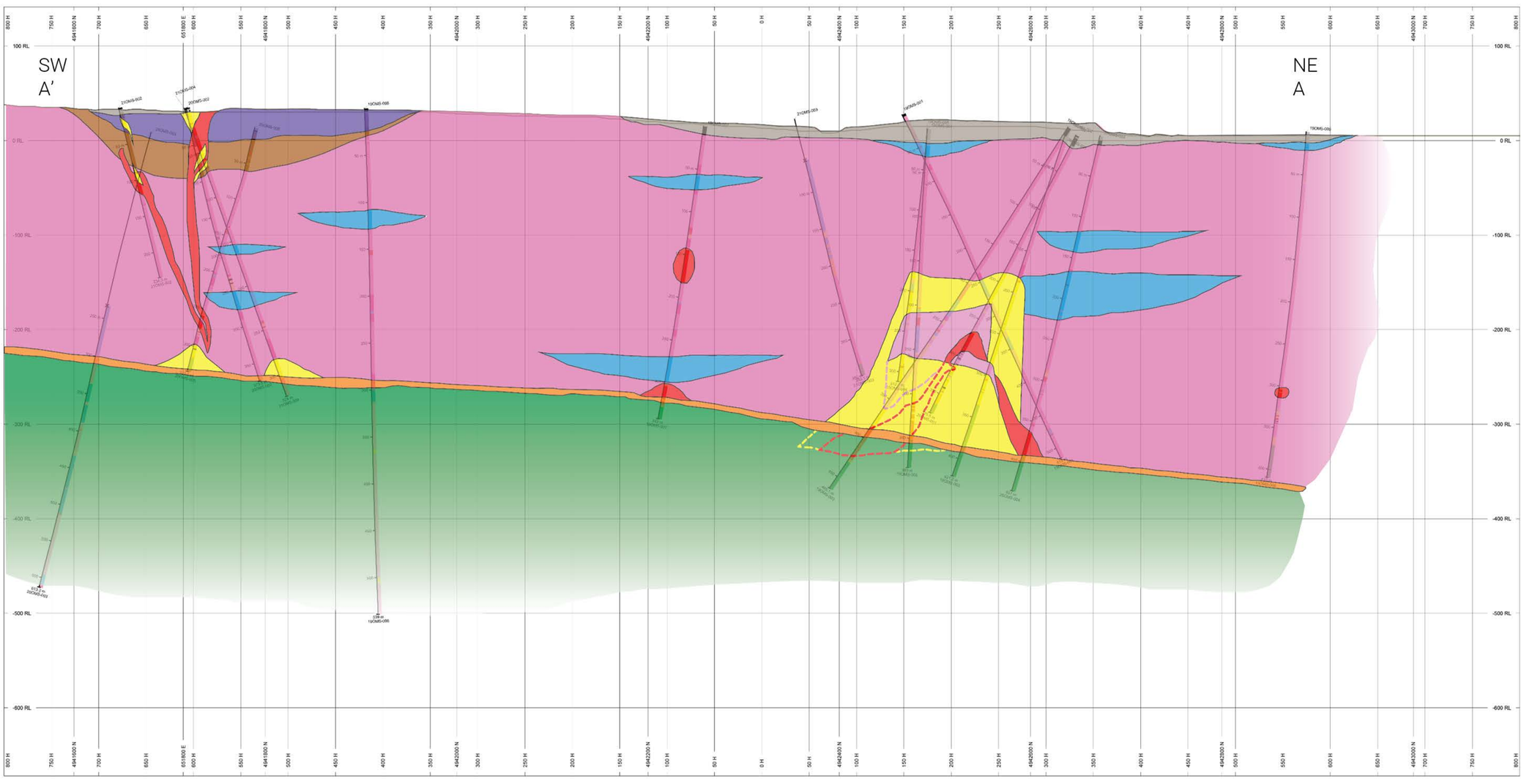


Fig. 7 Drilling results in Omu Sinter. In northern Omu Sinter, drilling was conducted under the silicified rock outcrops within low magnetic and broad conductive zone where we intersected a (1) ~140m-thick variably silicified and/or kaolinite ± smectite-altered rhyolite flows (2) mineralized silica –clay matrix breccia body, (3) several post-brecciation quartz veins at depth, and (4) post-mineralization fault zone. In southern Omu Sinter, drilling was conducted under the sinter outcrops within low magnetic zone and high resistivity zone where we intersected (1) variably silicified and/or kaolinite ± smectite-altered sedimentary rocks and rhyolite flows below (2) the ~35m-thick silica sinter, (3) post-sinter silica matrix breccias, and (4) post-mineralization fault zone.

Fig. 8 Finely laminated silica sinter in 20OMS-002 from 34.23-34.45m (1.025ppm Au, 9.72ppm Ag, 236ppm Sb), from 34.45-35.05m (0.969ppm Au, 6.78ppm Ag, 345ppm Sb)

Fig. 9 Silica matrix breccia with altered rhyolite clasts and silica sinter clasts surrounded by dark gray silica in 21OMS-004 from 28.23-28.84m (1.35ppm Au, 200ppm Ag, 1185ppm Sb)

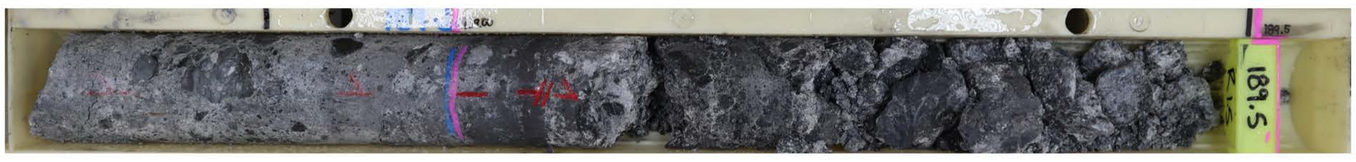
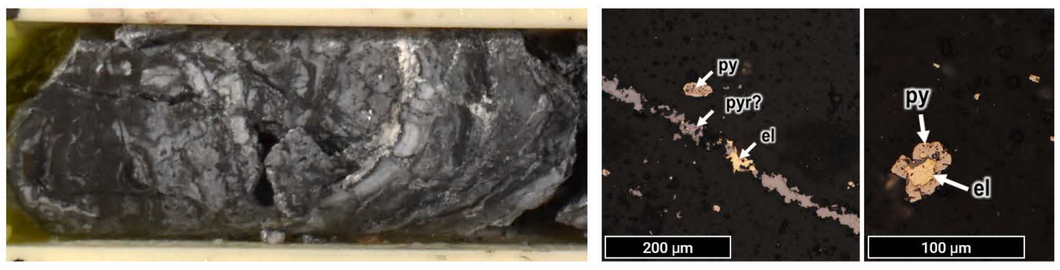


Fig. 10 Clay matrix breccia in 20OMS-001 from 189.00-189.5m (14.55ppm Au, 213 ppm Ag, 281ppm As, 196.5ppm Sb)



Electrum occurs with pyrargyrite and pyrite. Legend:
el –electrum,
py – pyrite,
pyr – pyrargyrite

Fig. 11 Crustiform quartz vein with ginguro cutting through altered breccia in 19OMS-002 from 184.93-185.25m (118.5ppm Au, 1410ppm Ag, 425ppm As, 551ppm Sb, 297ppm Se);