Omui

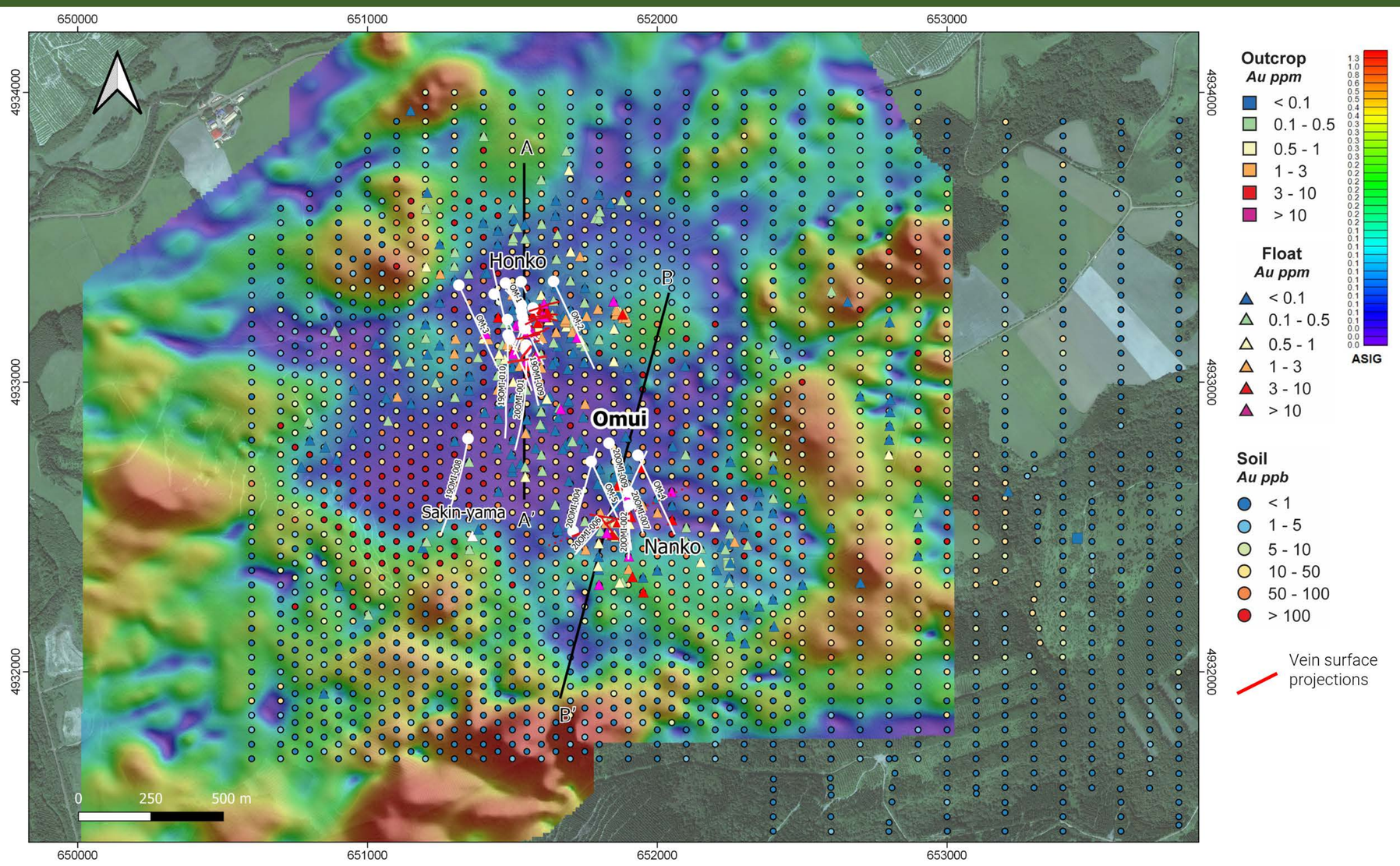

Fig. 1 Magnetic survey, rock chip and soil geochemistry data of Omui Prospect. Drill hole projections also shown.

Omui Prospect

The Omui prospect includes the historical Omui Mine, Sakinyama placer deposit and its surrounding vicinity.

Eight reported east-trending veins in Honko (dipping 80°N) and 2 veins in Nanko are hosted in rhyolite flows of Motoineppu Lava and andesite flows of Propylite lava (Suzuki et al., 1966)

Old Omui Mine

Placer gold was first recognized on the property in the early 1890's. Early miners, discovered a Au-bearing vein outcropping on the ridge to the east of Shimonosawa Creek placer workings (Honpi vein).

In 1925 Fujita Mining Co., acquired the mining rights, then developed a small mine on the Honpi vein (120m strike length) until mining ceased in 1928.

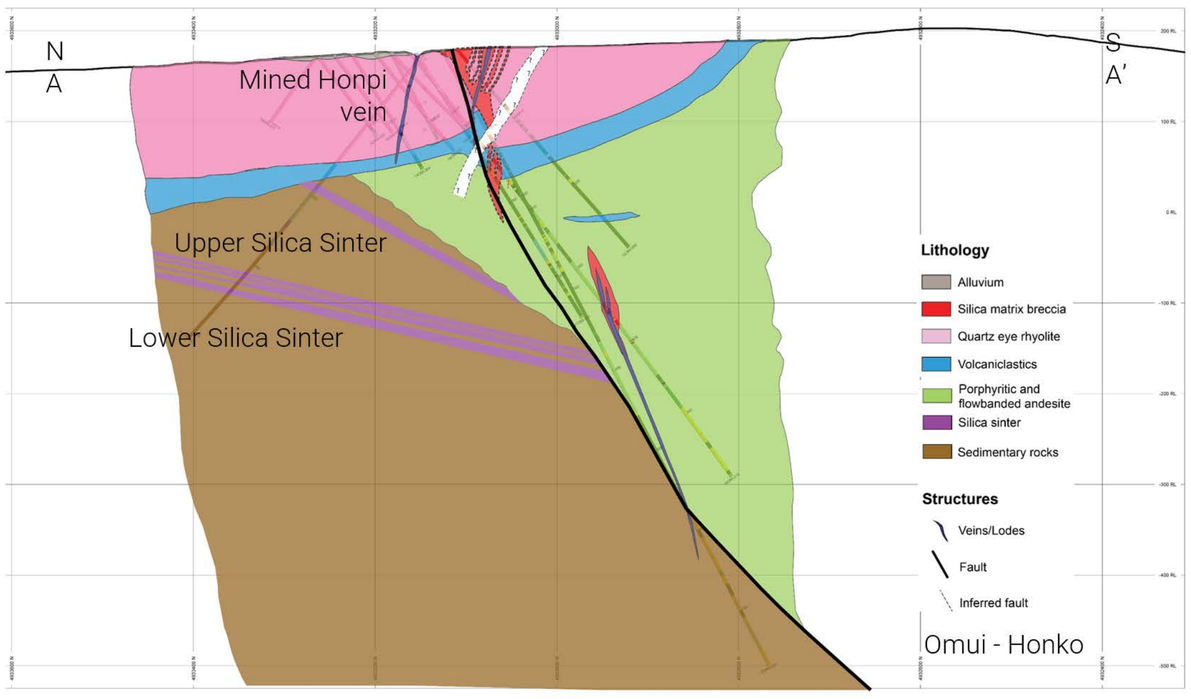

Fig. 2 Drilling results along Section A-A' at Honko. Mineralization in the shallower levels is dominated by ginguro- and electrum-bearing massive, lattice-bladed, crustiform quartz-FeOx veins (up to 125g/t Au) and multiphase silica matrix breccias (up to 9.3 g/t Au). <u>The 2021 drilling campaign discovered a new, buried hot spring system immediately beneath areas previously targeted with shallow drilling at the Omui Mine Site. It consists of 2 main silica sinter horizons interbedded with sedimentary rocks.</u>

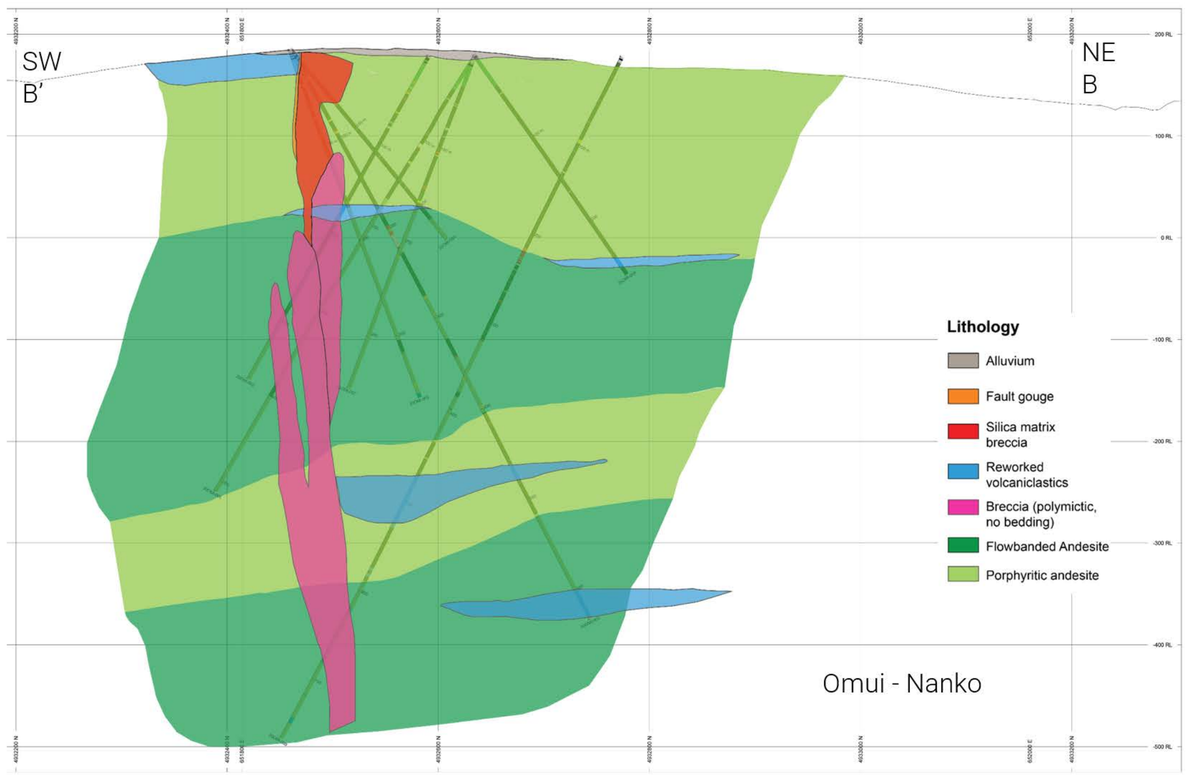

Fig. 7 Drilling results along Section B-B' at Nanko. Mineralization in the shallower levels is dominated by ginguro- and electrum-bearing massive, lattice-bladed, crustiform quartz-FeOx veins (up to 20.5g/t Au, 572 g/t Ag). A thick crustiform/colloform quartz vein was intersected in 20OMI-003 from 208-220m (up to 12.75 g/t Au, 698 g/t Ag).

Fig. 3 Honpi-style quartz vein in 19OMI-009 from 9.35-10.2m (2.2ppm Au, 24.70ppm Ag), 10.2-11m (2.87ppm Au, 24.1ppm Ag), 11-11.95m (4.84ppm Au, 49.3ppm Ag)

Fig. 8 Crustiform quartz vein in 20OMI-002 from 81.3-82.3 (18.15ppm Au, 109ppm Ag)

Fig. 4 Crustiform quartz vein in 19OMI-006 from 59.64-60.20m (19.3ppm Au, 1240ppm Ag)

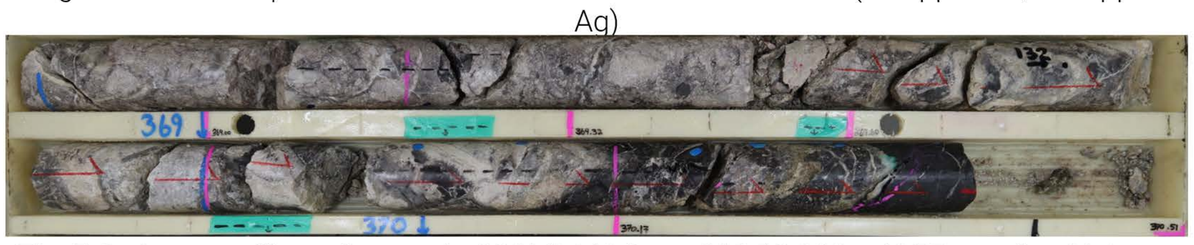

Fig. 5 Carbonate-silica vein zone in 19OMI-010 from 368.58-369m (4.75ppm Au, 44.6ppm Ag), 369-369.32m (9.17ppm Au, 137ppm Ag)

Fig. 6 Silica sinter in 21OMI-002 (no assay results yet)

Fig. 9 Crustiform quartz vein in 20OMI-003 from 218.54-218.84m (12.75ppm Au, 698ppm Ag, 208ppm Sb, 25ppm Se)

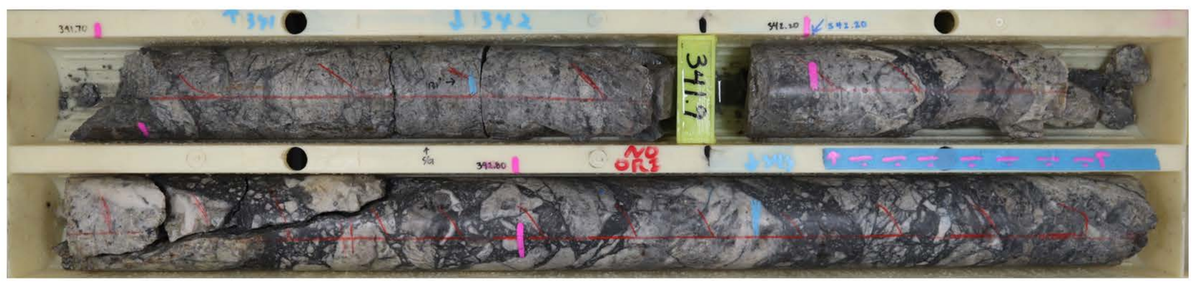

Fig. 10 Silica matrix breccia with quartz vein clasts in 20OMI-003 from 342.2-342.8m (56.1ppm Au, 1435ppm Ag)