



TIRUA PROJECT (Cu-Au) - OVERVIEW

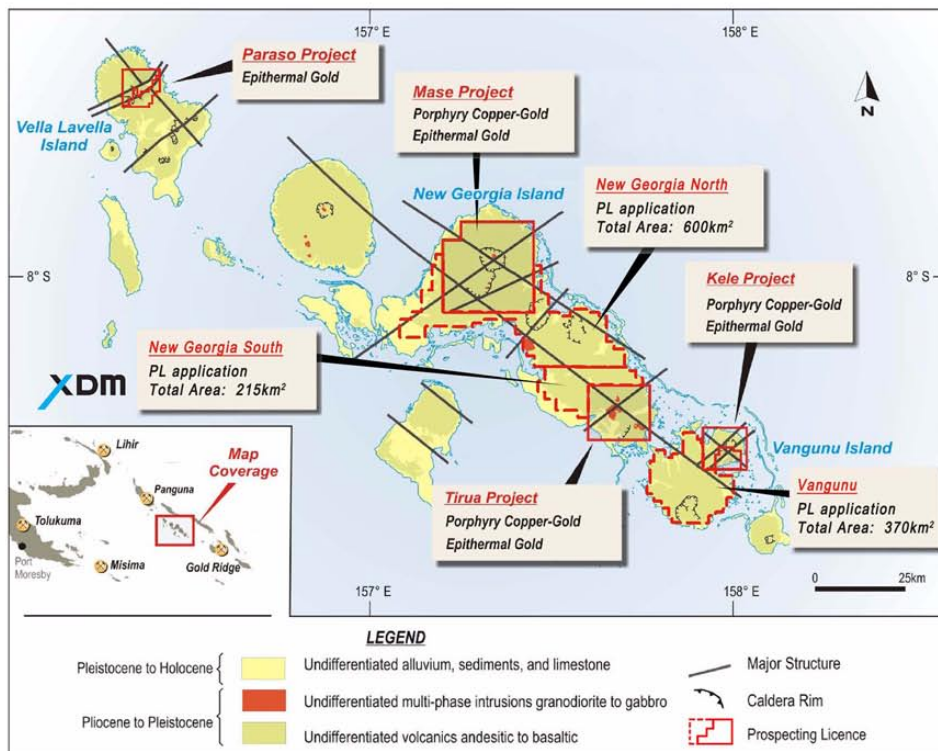
The XDM Resources Group has four advanced exploration projects in the Solomon Islands located on the Rim of Fire, which is renowned for Super-Giant porphyry (Cu-Au) and epithermal (Au) deposits.

XDM's Tirua Project is centred on a massive volcanic Caldera (15km diameter) with an 8km sector collapse and interpreted sea water inundation similar to that of the Lihir deposit (48.5Moz Au). New airborne magnetic data and exploration conducted by XDM have uncovered several extensive zones of alteration up to 5km², in previously unexplored areas, consistent with porphyry-style copper-gold and epithermal gold mineralisation.

XDM holds a substantial land position in the Solomon Islands, totalling 1084km², in a region that has been widely considered over-looked and under-explored for mineral exploration and discovery. World class gold and copper deposits surround XDM's tenements, including Lihir (48.5Moz Au), Porgera (22Moz Au), Ok Tedi (10Moz Au, 3Mt Cu), and the massive Panguna deposit (25Moz Au, 6Mt Cu).

Recent Highlights:

- ✓ Trench results of 15.0m at 1.16g/t Au (open both ends) and 20.0m at 0.35g/t Au (open)
- ✓ Maximum rock chip float samples of 37.7g/t Au, 201g/t Ag, and 0.25% Cu
- ✓ Completion of airborne magnetic and radiometric survey over the entire Caldera
- ✓ Initial follow-up confirmed wide spread alteration and porphyry Cu-Au style mineralisation associated with geophysical/structural interpretations
- ✓ New regional geophysical targets remain to be fully explored within this massive under-explored Caldera





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Geology and Mineralisation:

Tirua is centred on a 15km wide Plio-Pleistocene basaltic stratovolcano, which has suffered 8km of sector collapse in the west and is intruded by a suite of gabbro tonalite/hornblende diorite/feldspar porphyry andesite dykes and stocks. This setting has excellent potential to host a world class, Rim of Fire Cu-Au porphyry and/or epithermal Au deposit.

Favourable Conditions for Mineralisation:

Reactivated ring faults related to the sector collapse of the stratovolcano and regional NW/NE arc parallel/arc normal crustal structures are considered to provide an ideal setting for a major Cu-Au mineralised system. Massive sea water inundation of the Caldera during sector collapse (catastrophic geological event) of the stratovolcano is likely to have occurred at Tirua, and it is well recognised that a similar catastrophic event was a major trigger for Au metal deposition in the neighbouring giant Lihir gold deposit.

Priority Targets:

Target I – Follow-up on previous drill intersections by Newmont of 62.0m at 0.45% Cu from surface on the north eastern margin of an intrusive complex, including XDM trench results of 4.0m at 4.81g/t Au and 4.0m at 8.12g/t Au.

Target II and III – Cu-Au porphyry-style mineralisation associated with several magnetic ‘lows’ within a hydrothermal system covering an area of >10km² in a previously under-explored area.

Targets IV and V – Epithermal-style gold mineralisation associated with ring structures identified in the aeromagnetics, and interpreted as potential “Lihir style” sector collapse of the Caldera western wall (require reconnaissance exploration).

