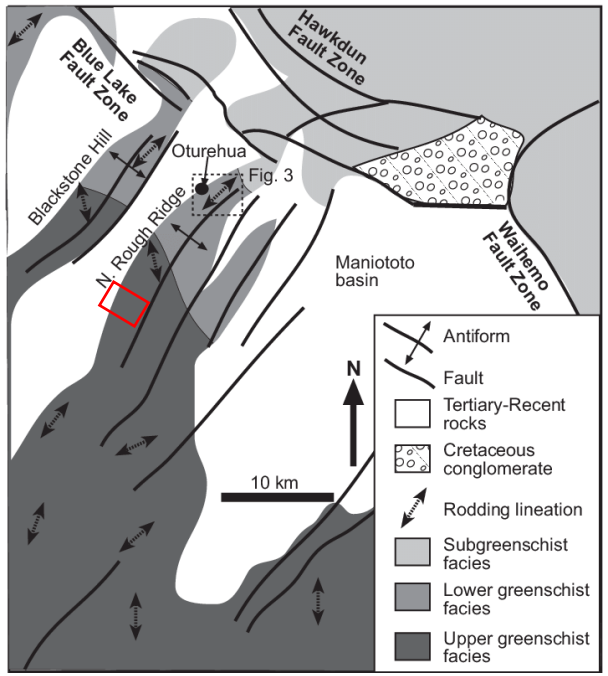
North Rough Ridge Gold Mineralization

By George Osborn

Acknowledgements:

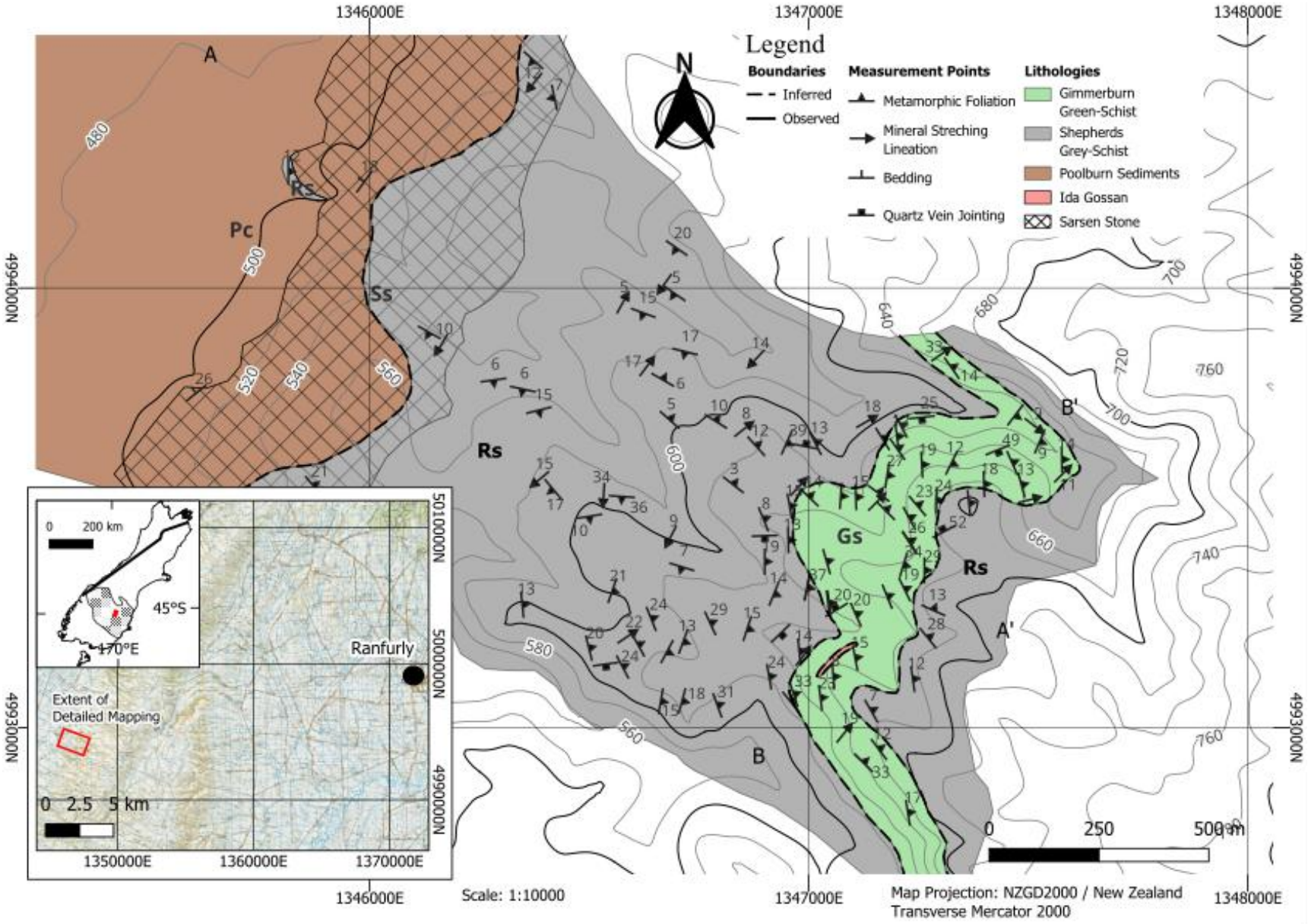
AusIMM and the University of Otago. Bevan and Tiffany McKnight for access to their land. Assistance from Marshall Palmer, Sophie Briggs, Brent Pooley and Douglas Mackenzie

Project overview

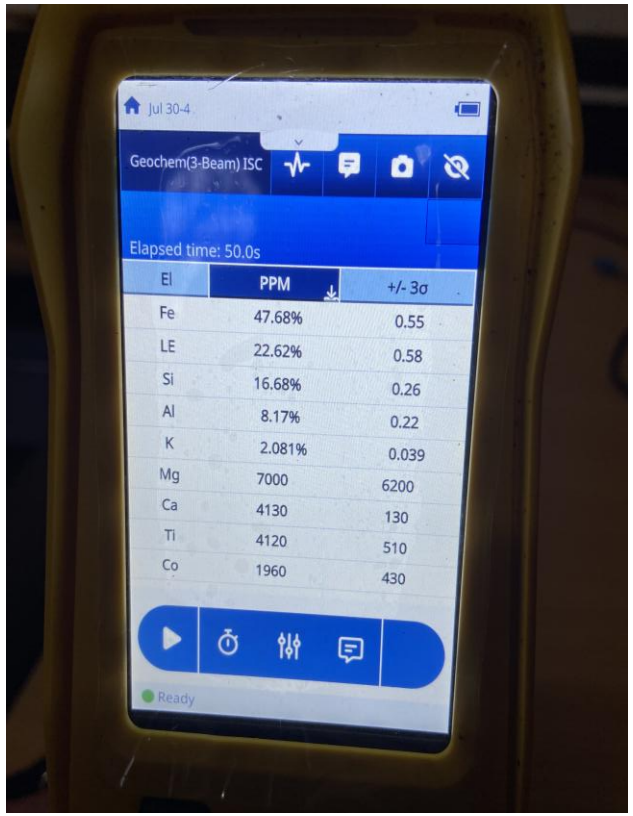


(Mackie et al., 2009)



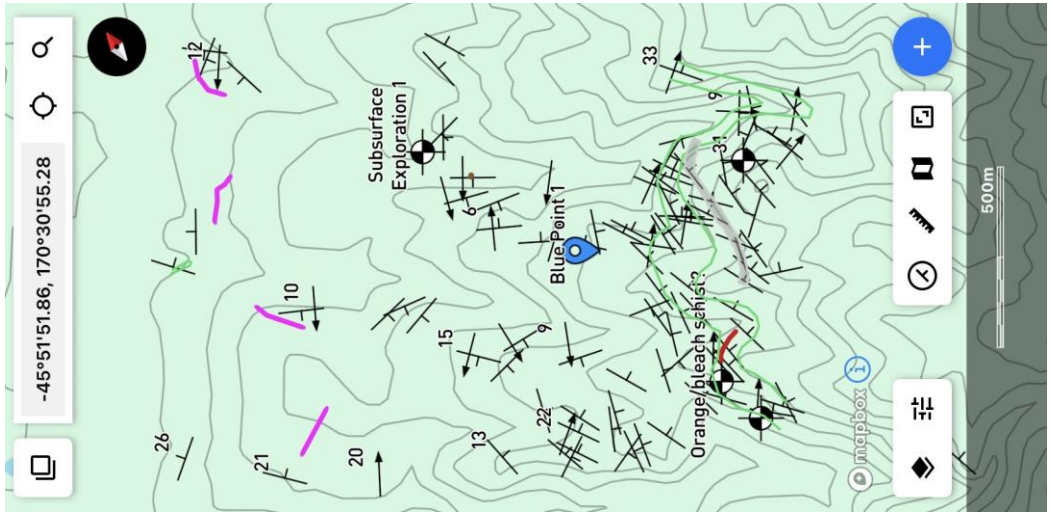


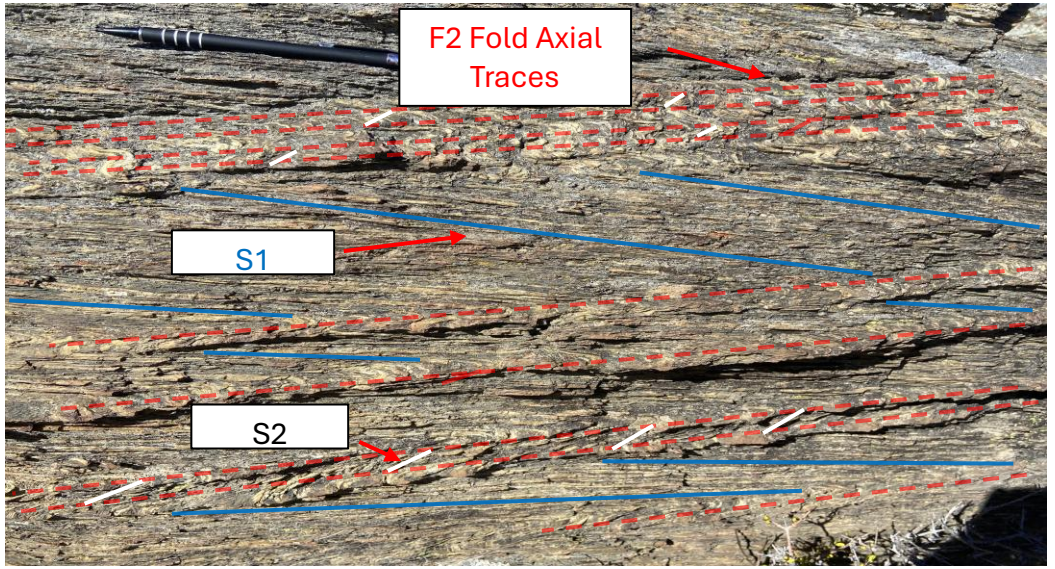
Methods and what it gave us



- pXRF Analysis

- General Field Mapping

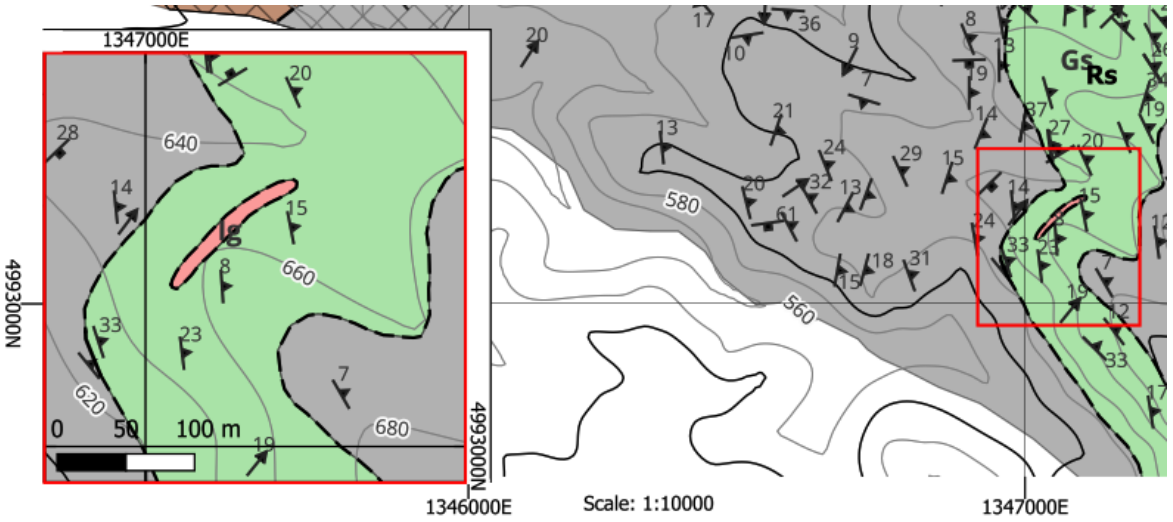


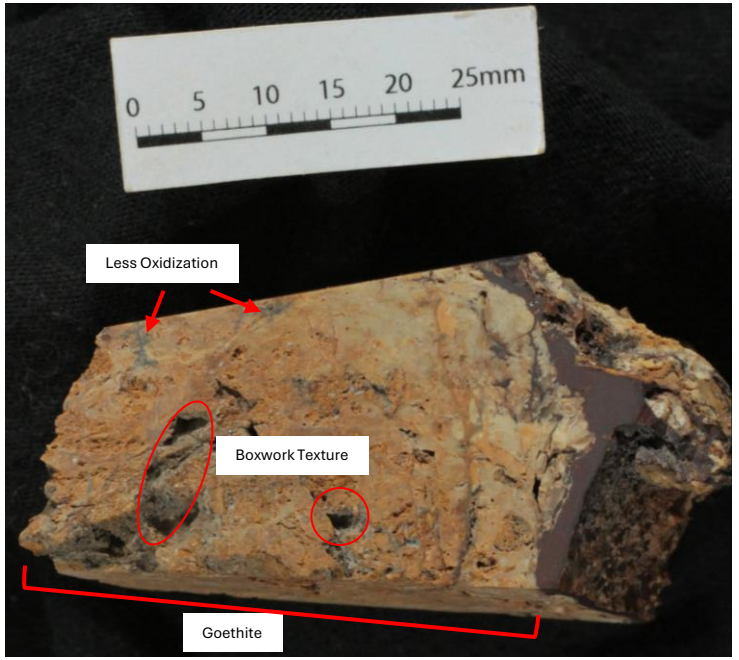


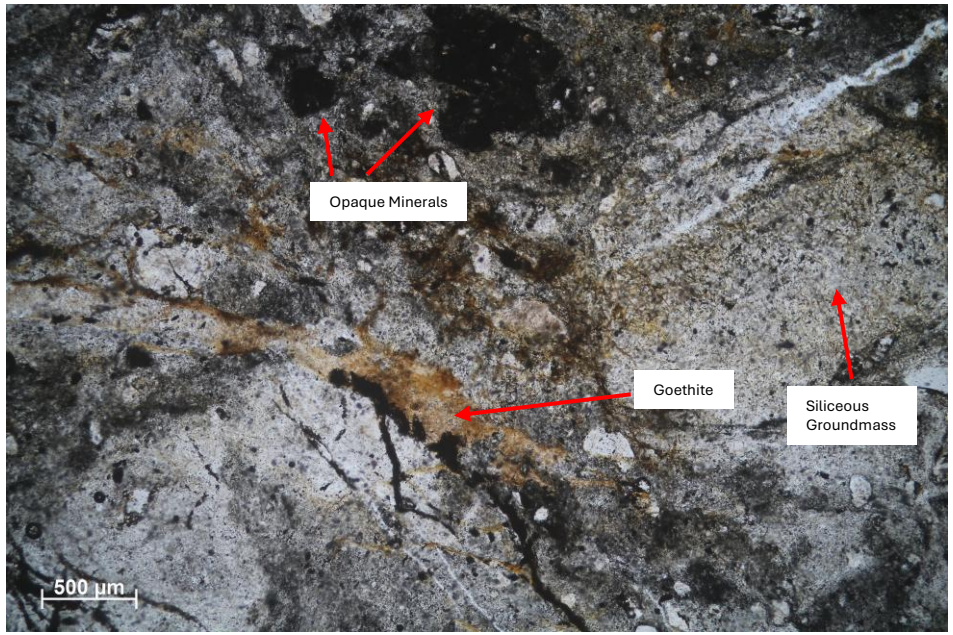


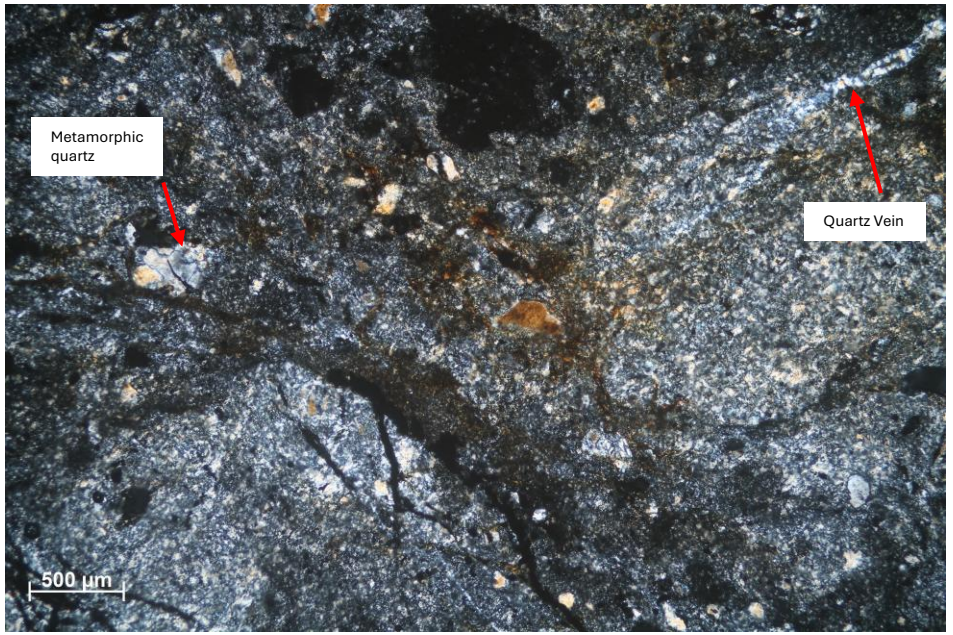
- Transparent Light Microscopy

Results









pXRF Results

EL	PPM	+/-3σ
Fe	47.68%	0.55
LE	22.62%	0.58
Si	16.68%	0.26
Al	8.17%	0.22
K	2.081%	0.039
Mg	7000	6200
Ca	4130	130
Ti	4120	510
Co	1960	430
As	1344	60
S	830	130
Zn	672	63
Sr	638	25
Ni	470	170
V	450	130
Cu	396	62
La	170	150
Bi	140	100
Ba	141	85

Further expansion and exploration

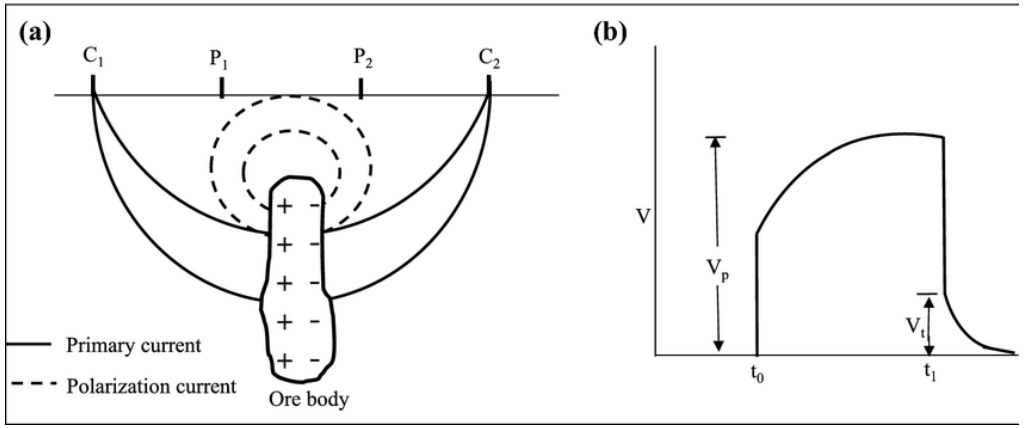


- Gossan Outcrop

- Fluvial Gold Deposits



- Induced Polarisation (IP)



(Siva Prasad & Venkateswara Rao, 2022)

- Localised Targeted Soil Sampling

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