

Earthquake Report: 2018.02.25 Aftershock Update

M 7.5 Papua New Guinea



Jason R. Patton
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USGS Google Earth

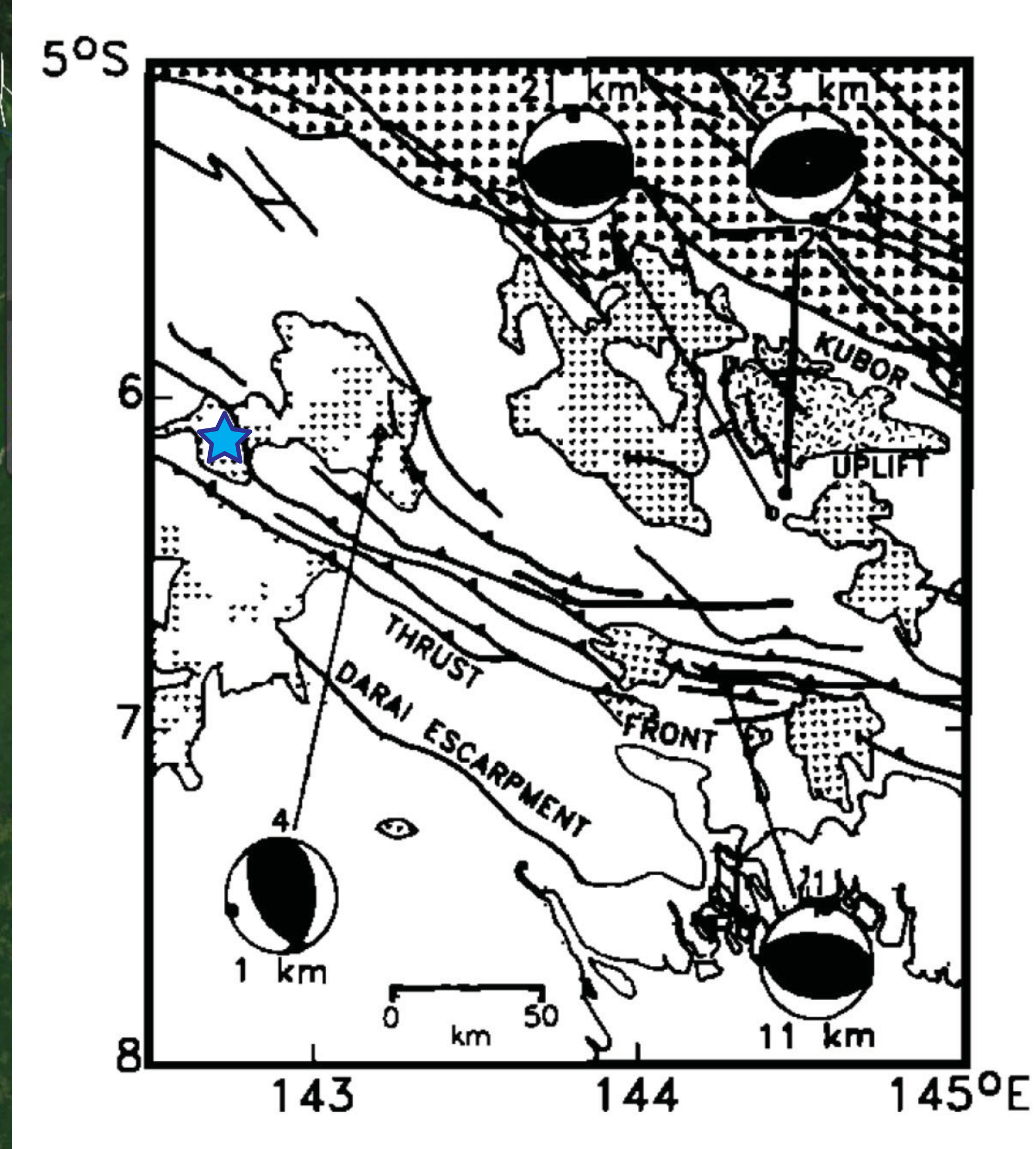
Depth to Slab (km)
0 50 100 150 200 250 300 350 400 450 500 550 600 650 700

Plate Boundaries
Divergent
Transform
Convergent
Other
Plate Motion
Top View
Side View
Side View

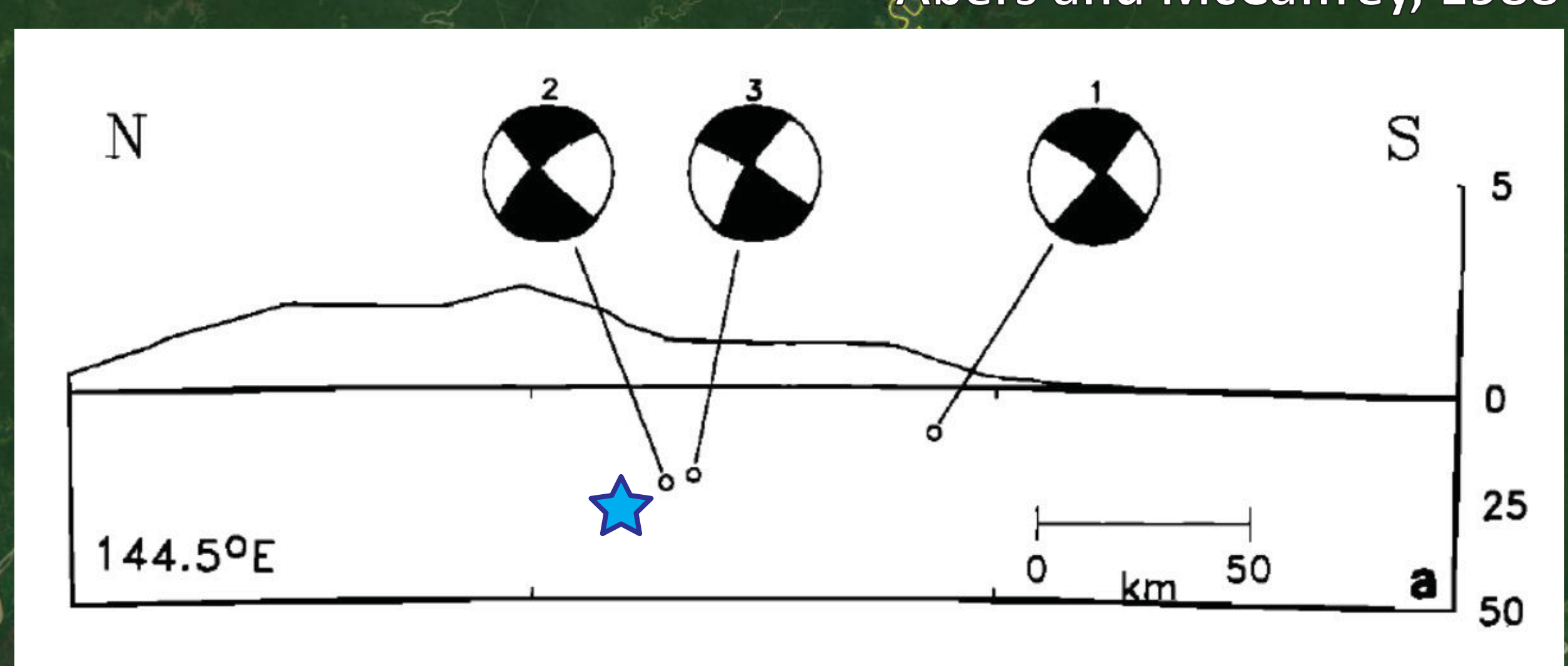
Normal Fault
Thrust Fault
Strike-Slip Fault

INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Damage	None	None	None	Very slight	Light	Moderate	Moderate/heavy	Heavy	Very heavy
Peak Acc	<0.17	0.17-1.4	1.4-3.9	3.9-9.2	9.2-18	18-34	34-65	65-124	>124
Peak Vel	<0.1	0.1-1.1	1.1-3.4	3.4-8.1	8.1-16	16-31	31-60	60-116	>116

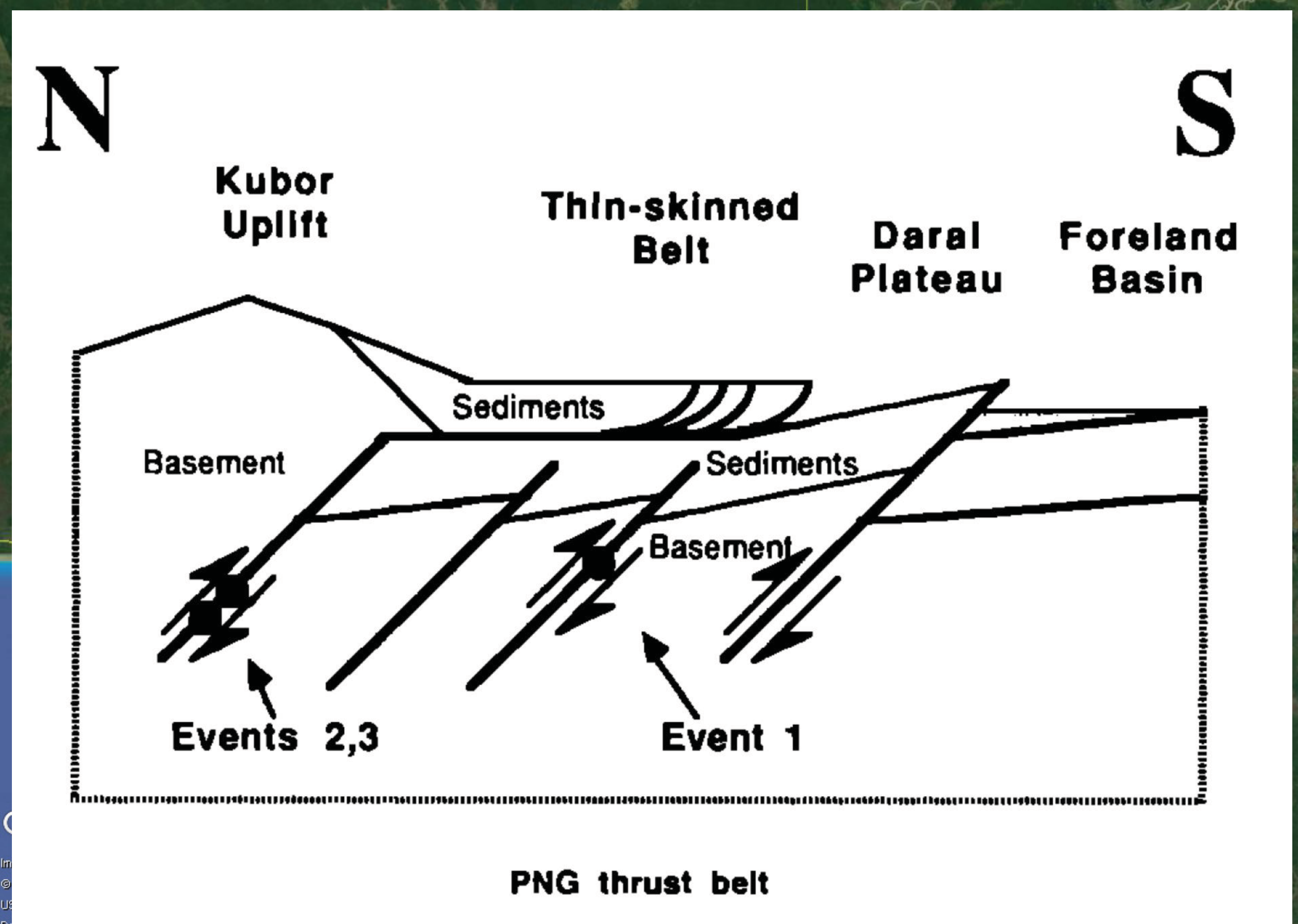
Peak Acc = Peak ground acceleration (g), Peak Vel = Peak ground velocity (cm/s)



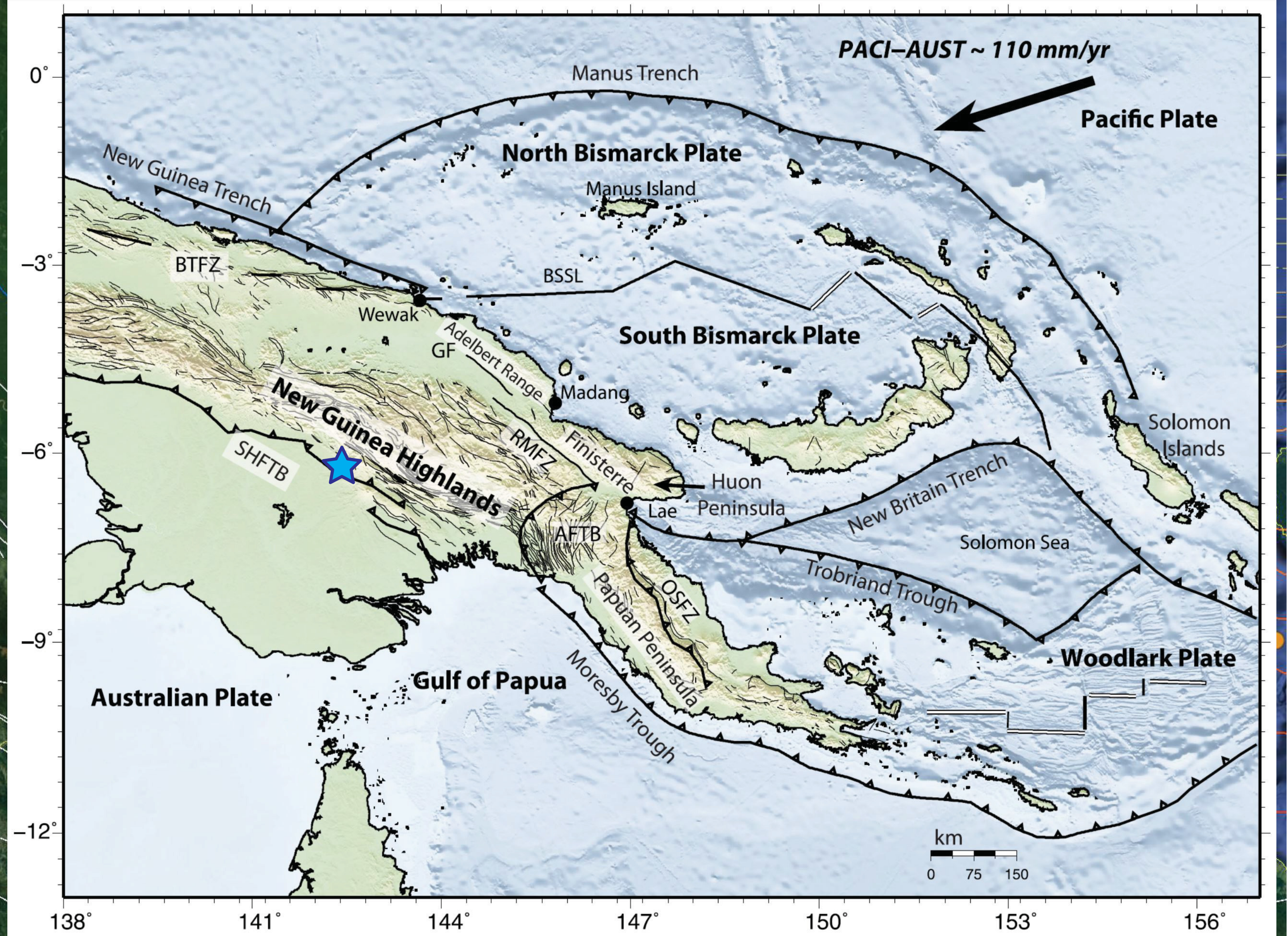
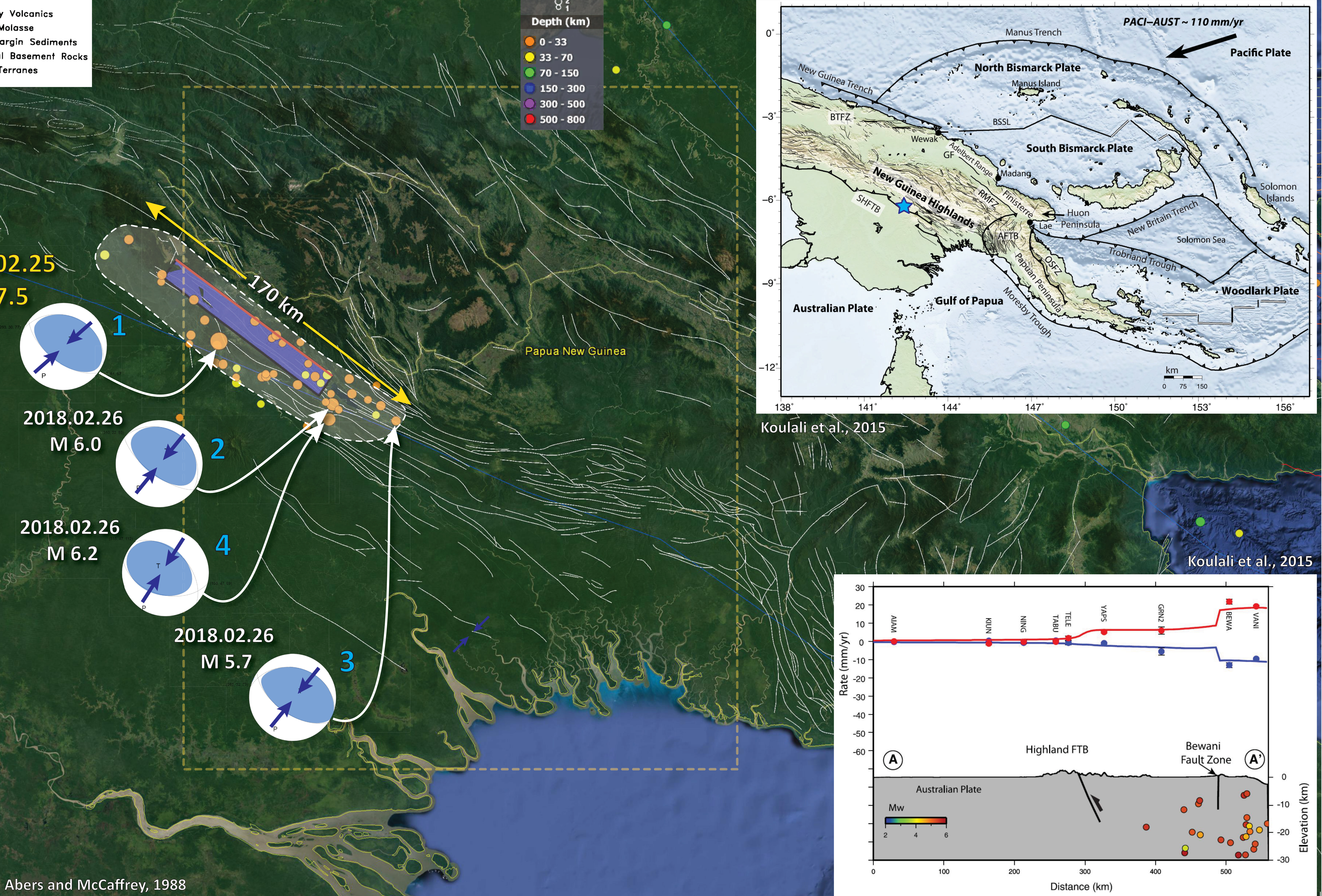
Abers and McCaffrey, 1988



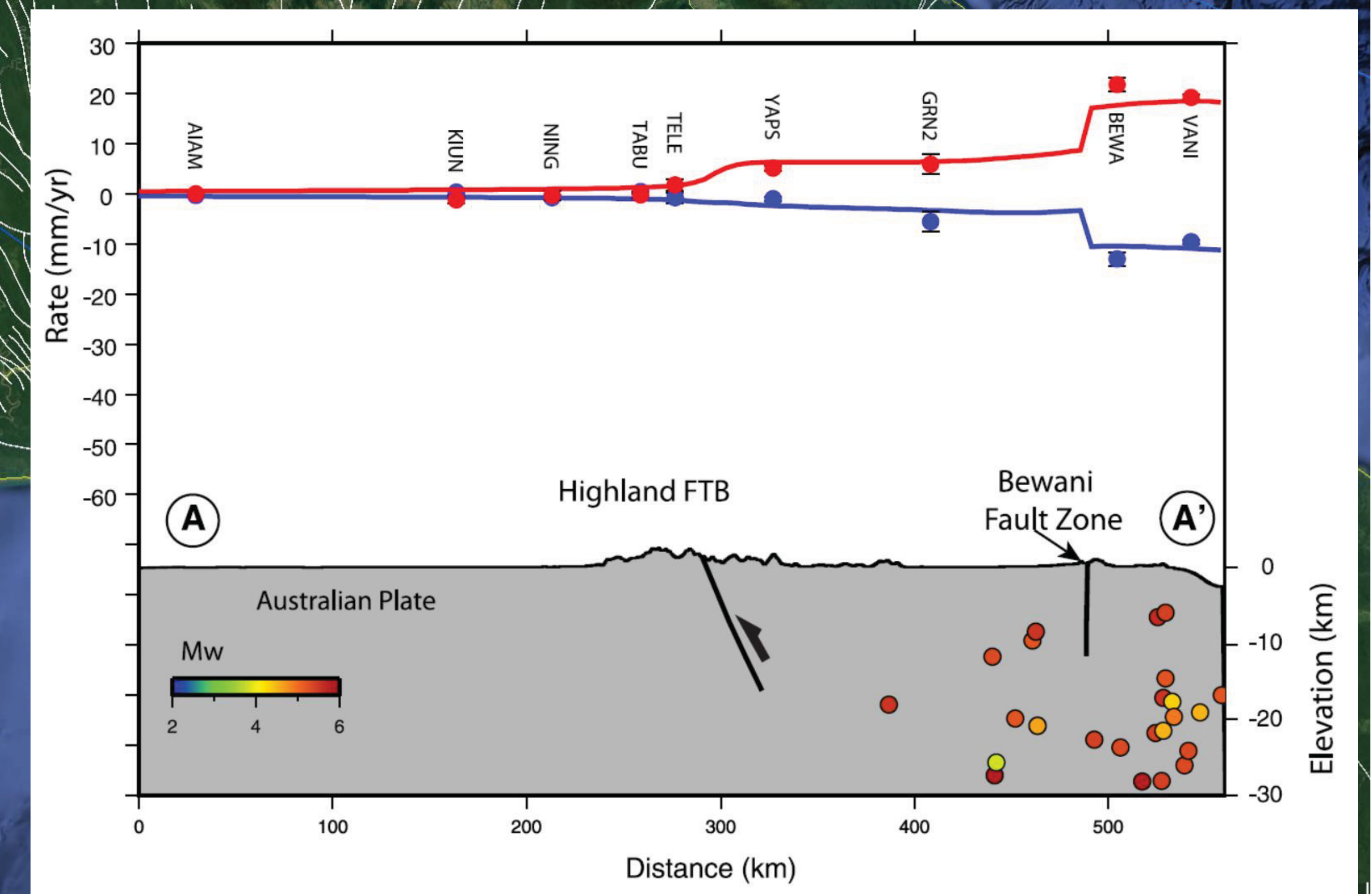
Abers and McCaffrey, 1988



Abers and McCaffrey, 1988



Koulali et al., 2015



Koulali et al., 2015