

KIA ORA MINE SURVEY - TENNANT CREEK

A survey was carried out which related three surface stations to the workings underground at the (approx.) 60m level.

Station Marking

On the surface, Stations A & B marked with long white survey pegs with aluminium tag designations whilst Station C is a steel peg, low in the ground.

Underground twelve short pegs, with aluminium tag designations, were placed in the backs of drives.

Instrument

A Wild Level and tri-pod was used both for surface & underground readings.

Calculations

The surface plan was plotted directly from readings, apart from the position of Station C, which was obtained using the isosceles triangle ACPs.

Surface & underground stations were tied in by dropping two plumb-bobs, (P_s & P_n) & relating all underground readings to them. The positions of P_s & P_n on the surface were fixed mainly from Station C.

Plotting

Both plans were plotted on a scale of 1:250.
Drive outlines are approximated.

J.P. HOWARD

Resident Geologist

OPEN FILE

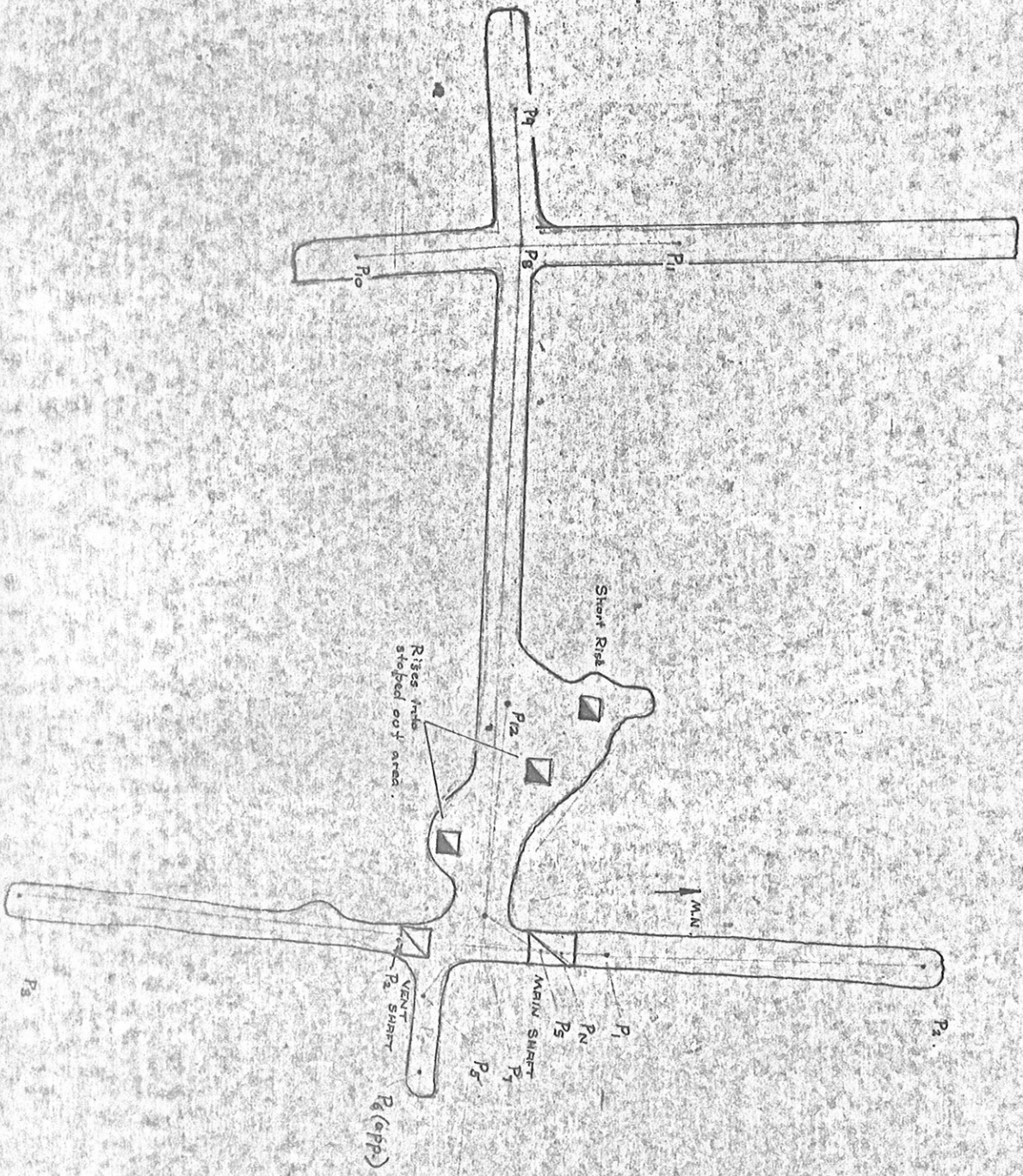
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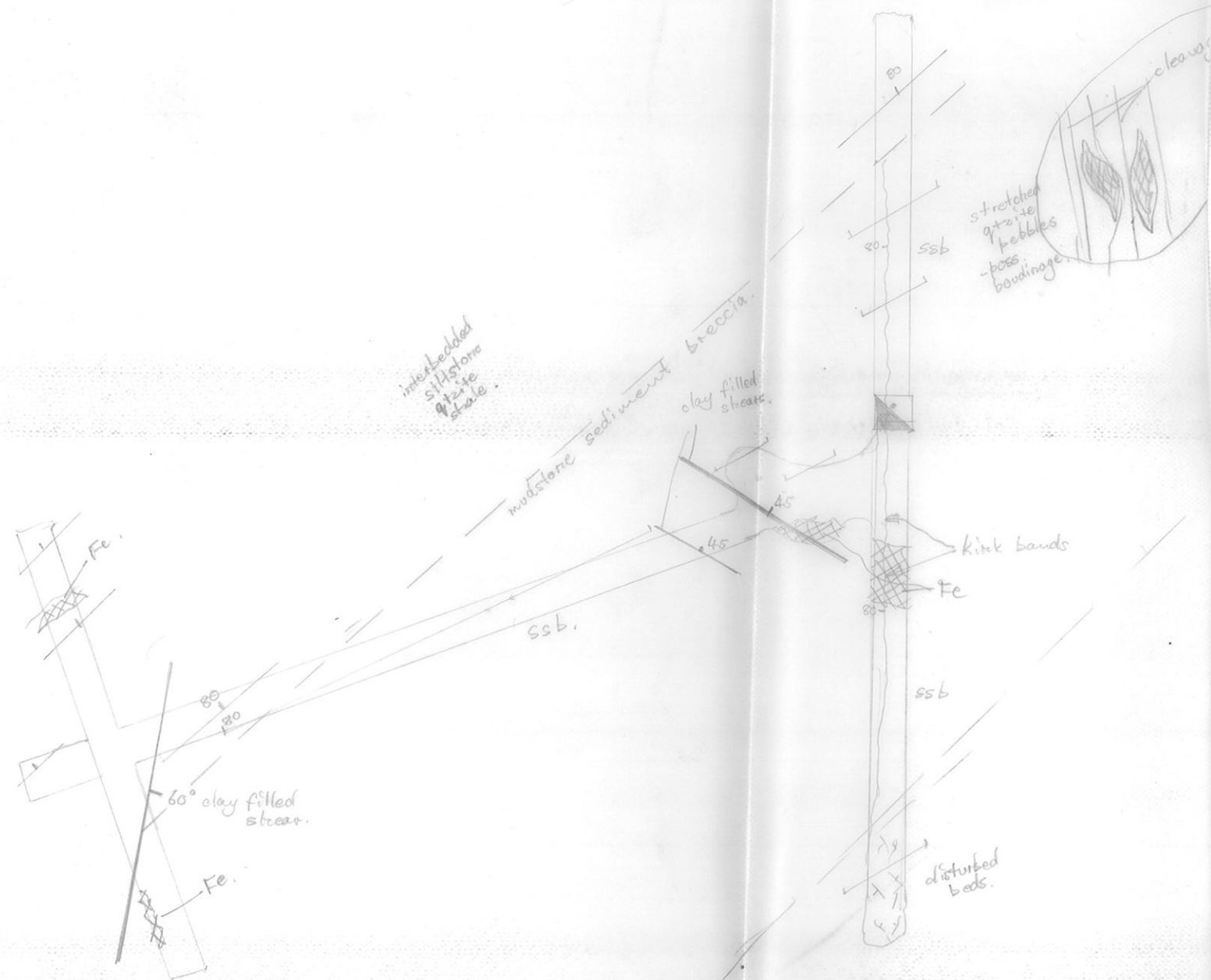
UNDERGROUND SURVEY
KIM ORA MINE.

app. (180') 60M LEVEL.

20/6/76

Scale: 1:250





KIA
ORFP
Prelim.
Geol. Sketch
ONLY

JPHoward 20/6/75