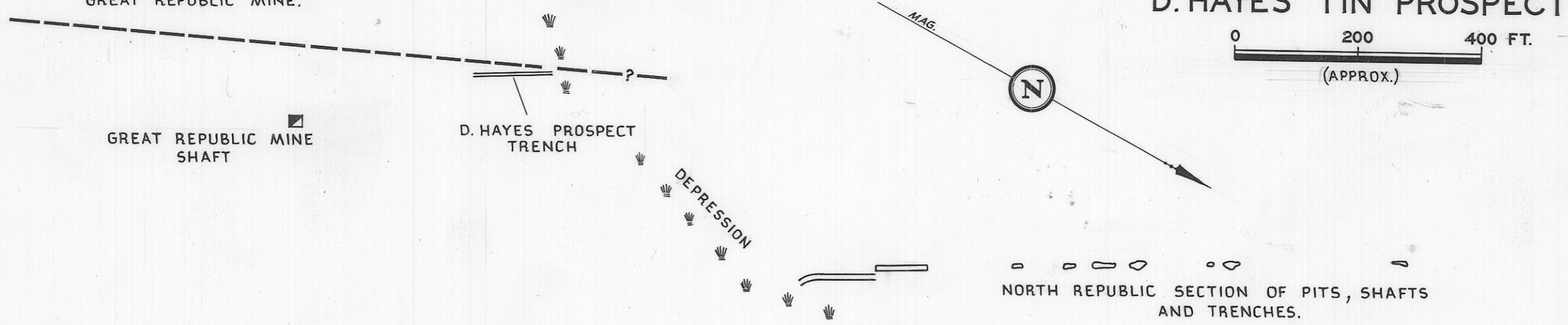


5 cm

a.

EXTENDED TRACE ON SURFACE OF MAIN LODE (Nº1.) WORKED IN THE GREAT REPUBLIC MINE.

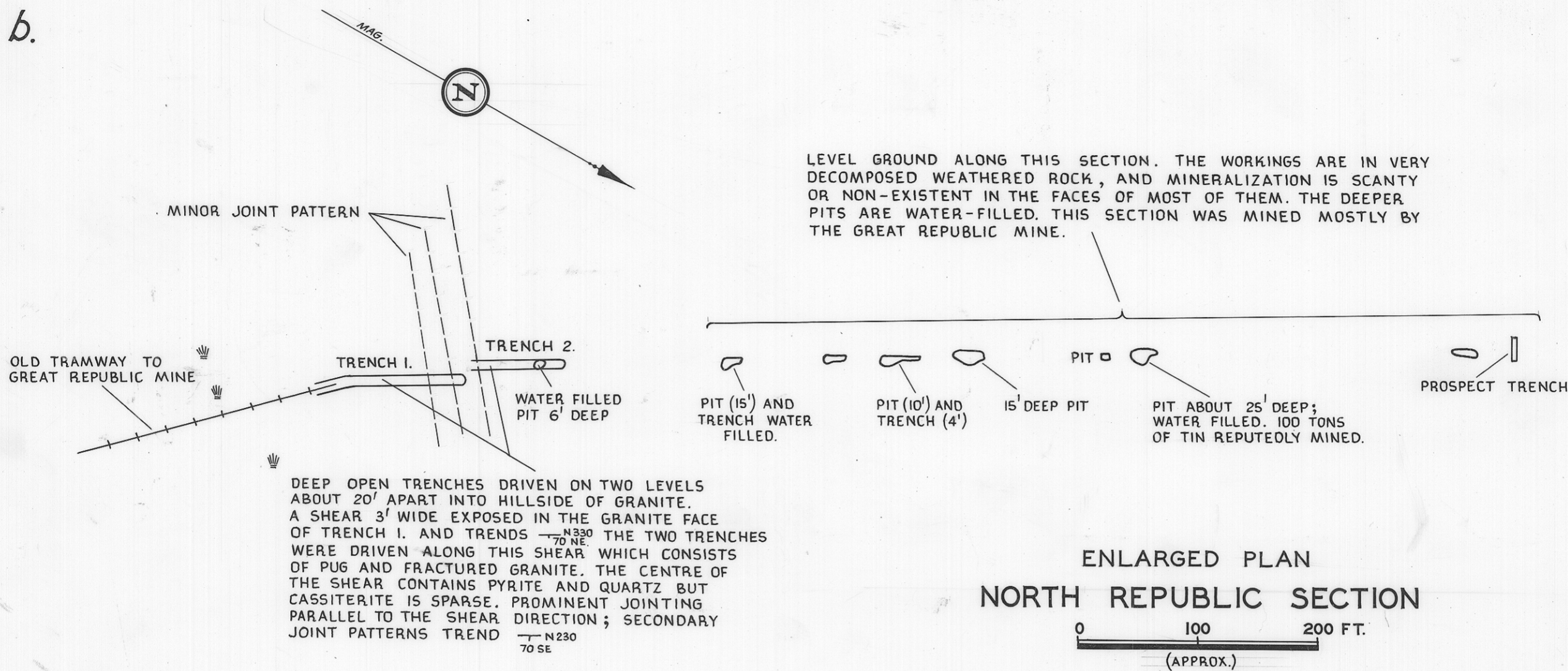


LOCALITY MAP

D. HAYES TIN PROSPECT

0 200 400 FT.
(APPROX.)

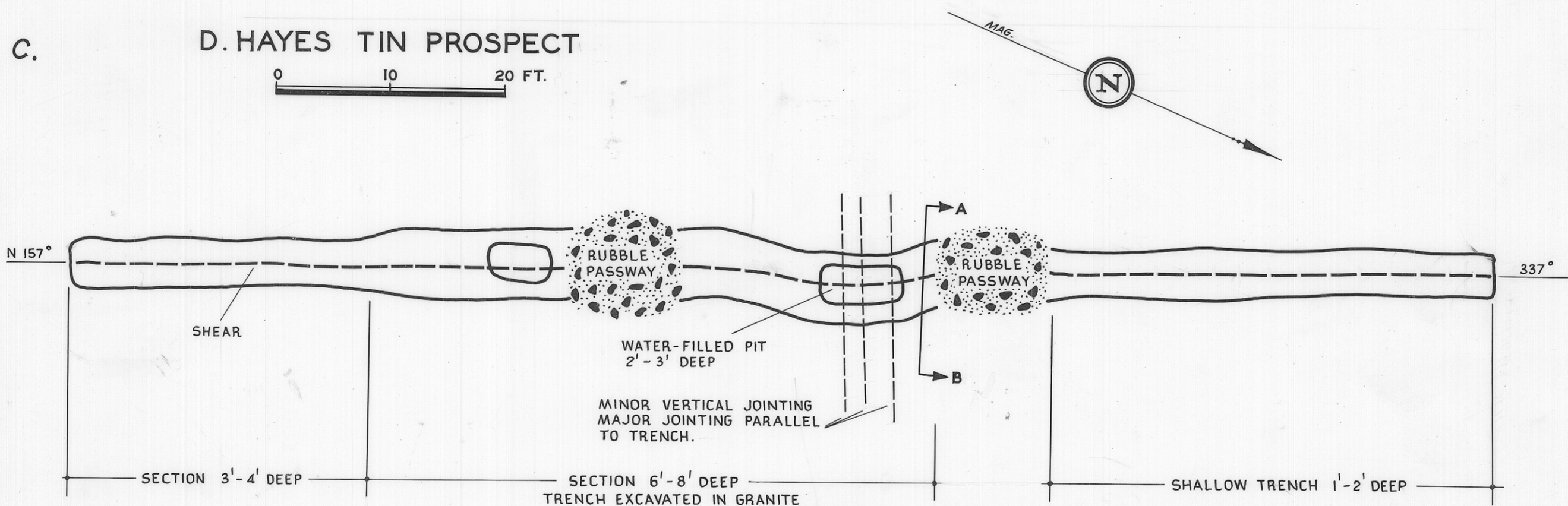
b.



c.

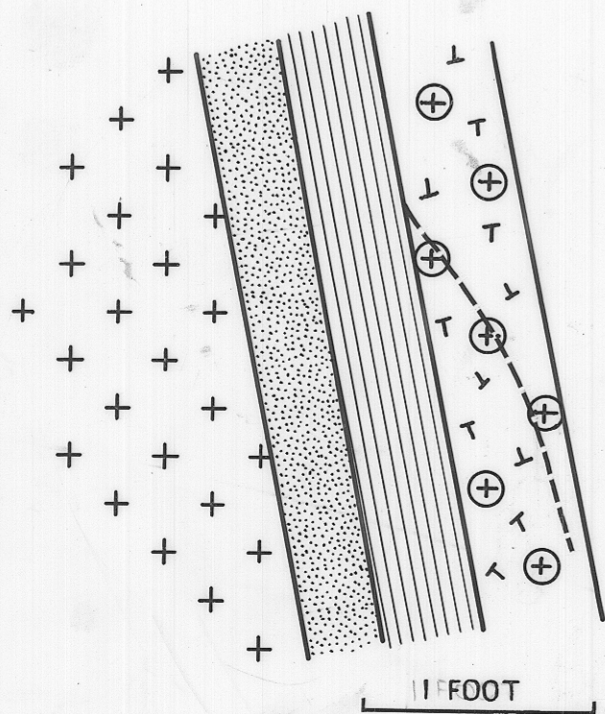
D. HAYES TIN PROSPECT

0 10 20 FT.



SECTION A-B — THROUGH MINERALIZED ZONE
(DIAGRAMMATIC)

d.



+ + MEDIUM-GRAINED LEUCOCRATIC GRANITE, PORPHYRITIC WITH SPORADIC WHITE FELDSPAR PHENOCRYSTS FORMS THE COUNTRY ROCK.

- FINE-GRAINED CRYSTALLINE SILICIFIED ZONE BORDERING THE MAJOR SHEAR. TIN AND TOURMALINE BEARING IN PLACES.
- SHEAR ZONE 4'-5' WIDE, CONSISTING OF A GREENISH-YELLOW FINE-GRAINED AGGREGATE (PINITE, TALC, SILICA, SERICITE) WHICH CARRIES TOURMALINE AND TIN. ZONE IS BANDED WITH A SERIES OF PARALLEL QUARTZ STRINGERS UP TO 1/4" WIDE, IN PLACES RICH IN PYRITE.
- FINE-MEDIUM GRAINED GREISENIZED GRANITE STILL CONTAINING FELDSPAR BUT MOTTLED WITH TOURMALINE-RICH PATCHES. CASSITERITE ASSOCIATED WITH TOURMALINIZED ROCK.

DEPARTMENT OF MINES — TASMANIA

HAYES TIN PROSPECT
GREAT REPUBLIC MINE

DATE:— JAN. 1966	SCALES:— AS SHOWN
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