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GEOPHOTO MINERALS REPORT 1969/6(d)

MATHINNA-AVENUE RIVER AREA :  
EL6/68 NORTH EAST TASMANIA

**MICROFILMED**

BY

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INTRODUCTION

This report covers drainage geochemistry of Sheets VI and VII of the Geophoto 1:25,000 Series, Northeast Tasmania.

The terrain between Upper Scamander and Mathinna is more remote and less intensively prospected than areas to the east. Samples taken to date, and analyses received to date, are shown on overlays. Interpretation and follow-up of anomalies is not complete.

ANOMALIES1. Upper Scamander.

A wide zone of Cu anomaly, peaking in two areas near US159 and AB39-AB60, occurs near a contact zone of the Blue Tier Granite. Rocks from this area to date are of altered Mathinna Beds near the granitic contact and no lithologic cause for the anomaly other than mineralisation is yet known. No mineralisation has, however, been observed. Ground follow-up is continuing.

2. Queen of the Earth Creek - Brilliant Creek.

The Mathinna Beds hereabouts show a weak copper anomaly peaking to moderate values near US115.

3. Big Hop Creek.

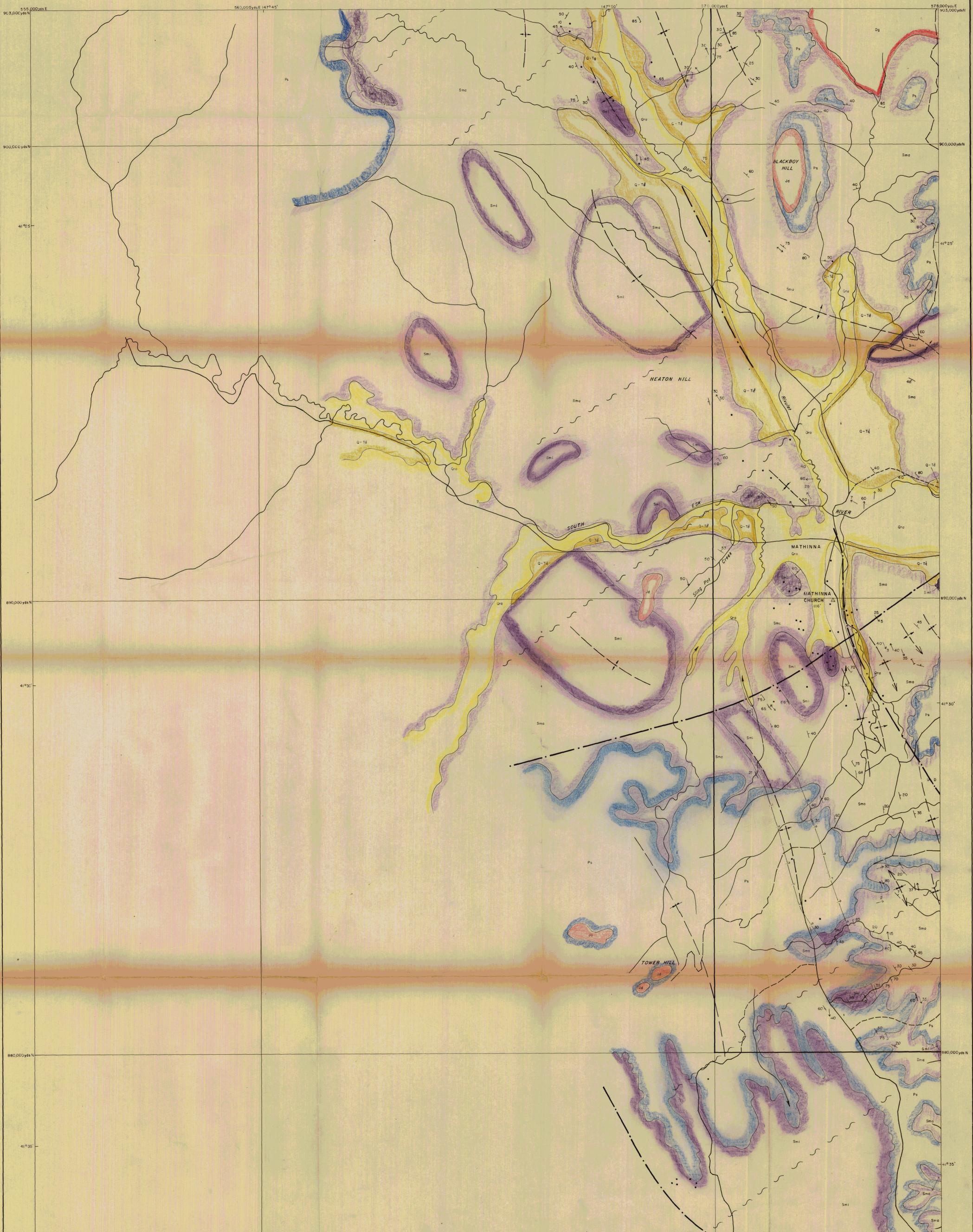
A zone of Mo-Bi anomaly is spread about US181 near Big Hop Creek.

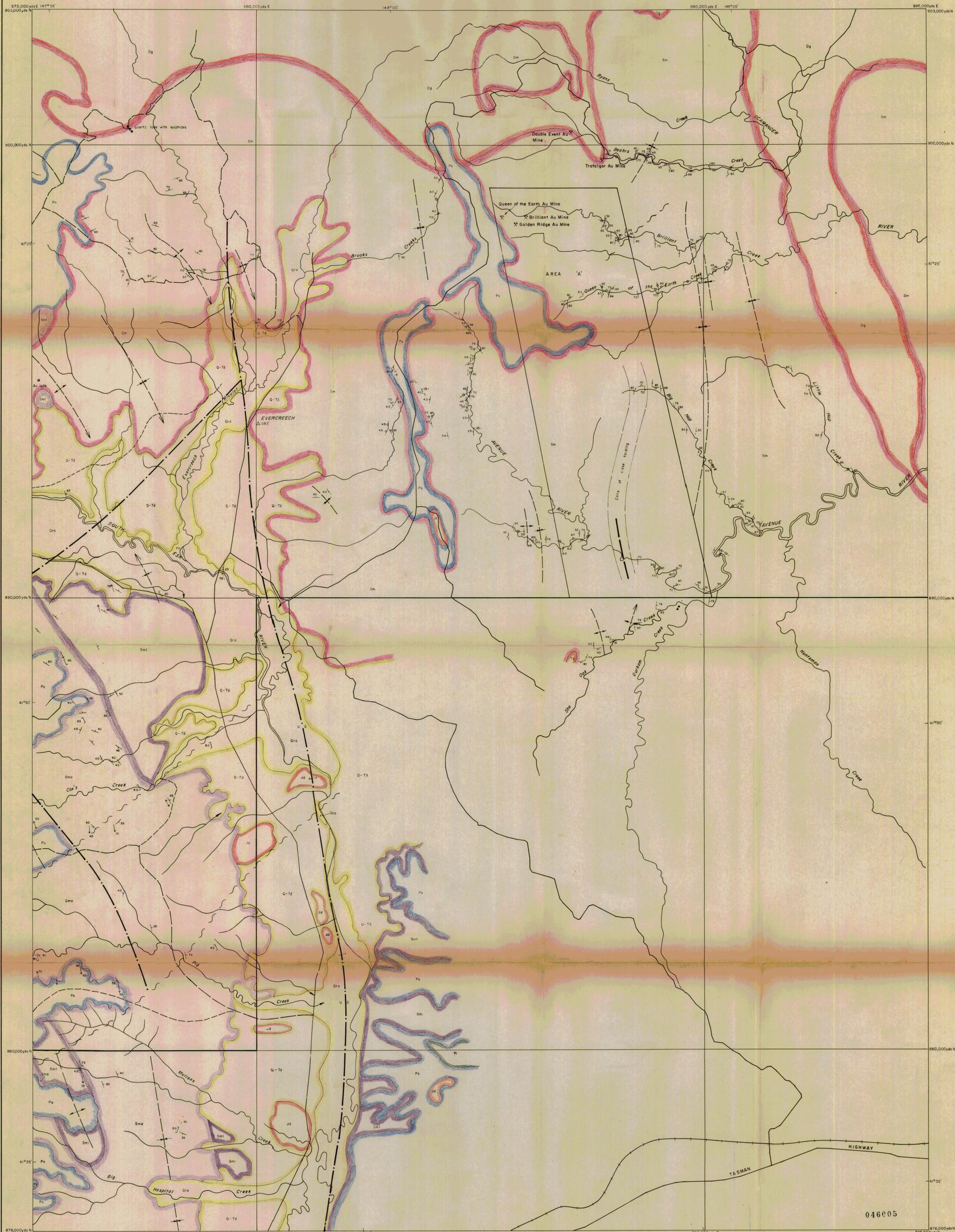
4. Zones in the Mathinna Beds in the Mathinna district show some signs of weak Bi anomalies in auriferous fields. Further attention might be paid to both Bi and As as indicators for gold.

ENCLOSURES

- 1. Geologic Plan, 1:25,000                      Sheets VI and VII
- 2. Sample Location Sheets, 1:25,000        Sheets VI and VII
- 3. Value Overlay Sheets, 1:25,000         Sheets VI and VII

J.H. Rattigan





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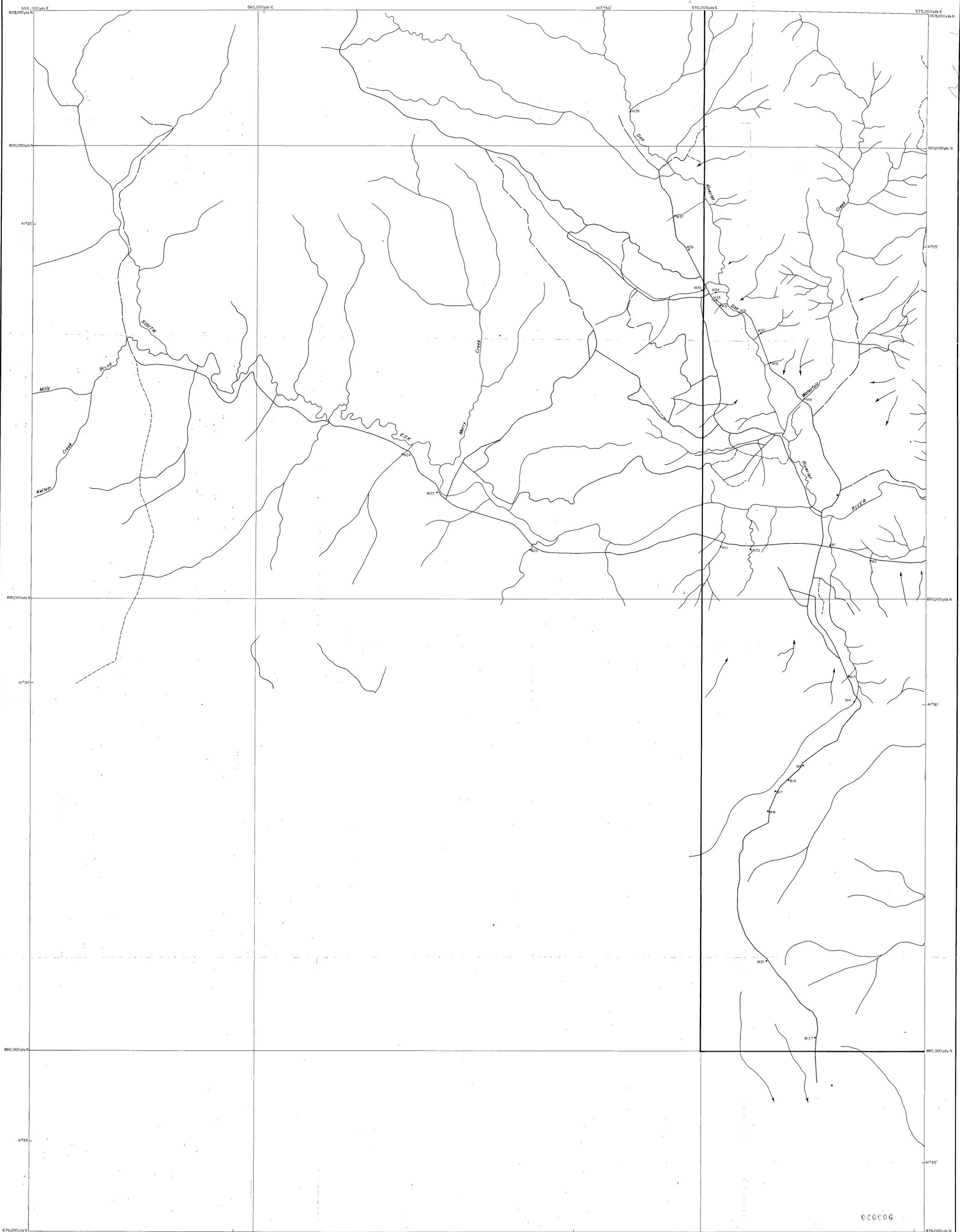
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SHEET 7 OF 8 SHEETS

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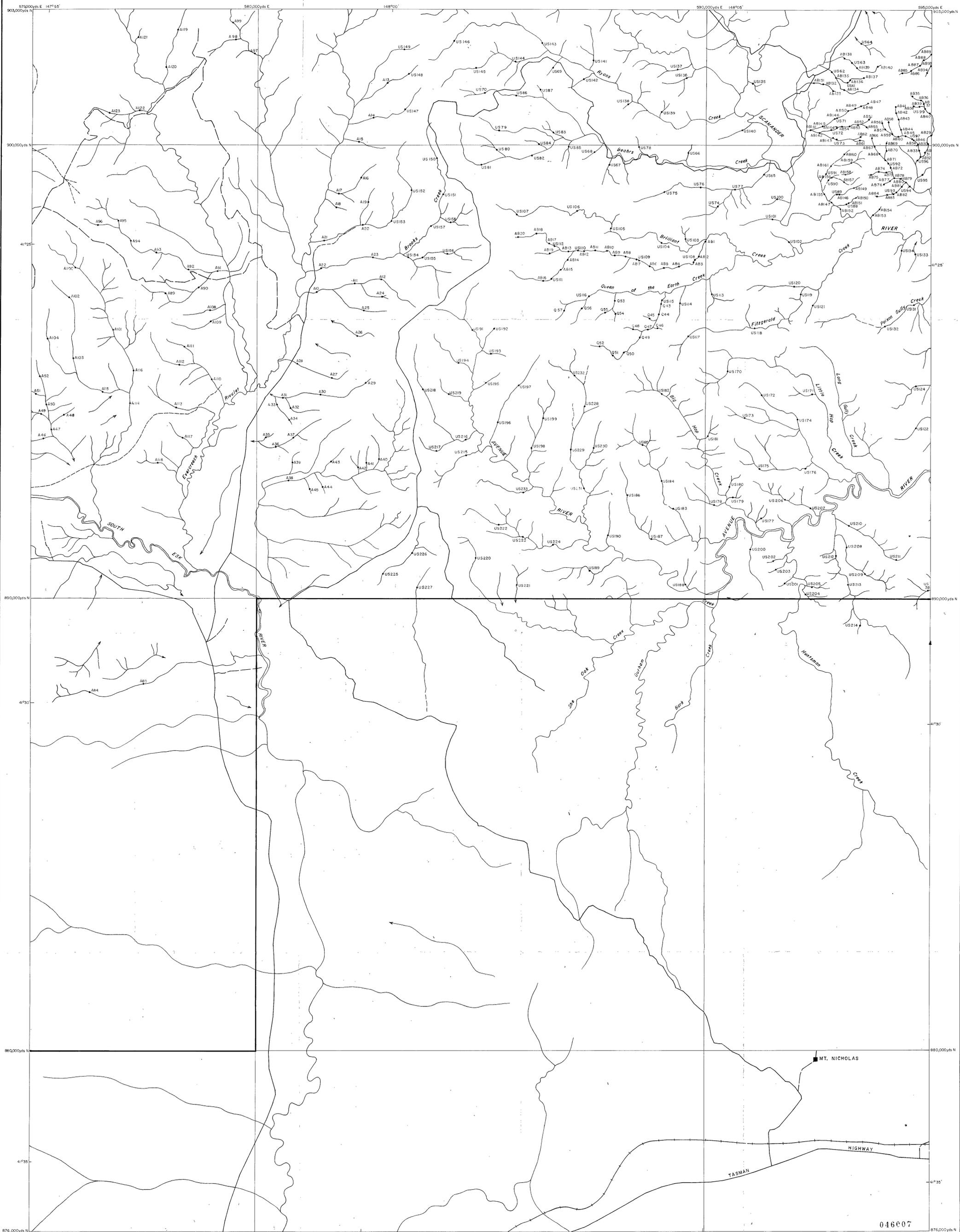
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69-594 GEOLOGY - EASTERN SHEET



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575,000yds E 147° 55' 900,000yds N 580,000yds E 148° 00' 590,000yds E 148° 05' 900,000yds N 595,000yds E 148° 10' 900,000yds N

890,000yds N 890,000yds N

876,000yds N 876,000yds N

575,000yds E 580,000yds E 148° 00' 590,000yds E 595,000yds E 876,000yds N

