

**TRAVERSE OF GORDON RIVER FROM SPLITS TO
PYRAMID ISLAND**

LYELL E.Z. EXPLORATIONS

57 – 157

AMG REFERENCE POINTS ADDED

REFILED

2nd April,

7

Report on Traverse along Gordon River from Splits to Pyramid Island

Dates of Examination: 27th March to 30th March, 1957.

Party Leader: D. Sampey

Personnel Employed: E. Halitzki (bushman), R. Abel, G. Abel and F. White (boatmen).

Man Days in the Field: 32

Location of Camps:

1. Snake Rapids
2. The Lawn
3. On m.v. Nola-Too

Means of Transport and Supply:

1. Helicopter
2. River Punt
3. M.v. Nola-Too

General Topography of the Area: North-south trending ridges with the rivers plunging between them but occasionally cutting across strike into steep gorges.

Geological Investigations and Findings:

The boundaries of the rock types are shown on attached sketch map and diagrammatic section A-A'BB' etc.

Near the supposed fault at the eastern boundary of the Eldon the Precambrian garnetiferous schist shows S-drag folding with a wave length of up to two feet and plunging 25° in a direction of 165° . The quartzites just to west of here show an S-drag fold of wave length 20 feet and also plunging 25° in direction 155° . These drag folds would agree with the interpretation of a fault as shown in section but they are of different scales and those in the quartzites also indicate an overturned western limb of an anticline which agrees with

(4)

observations made at Nicholls Range a few miles north.

Conclusions:

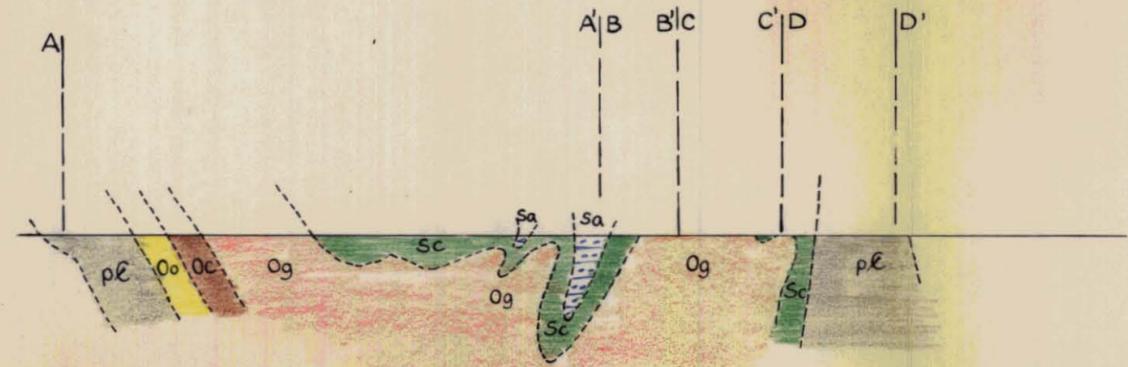
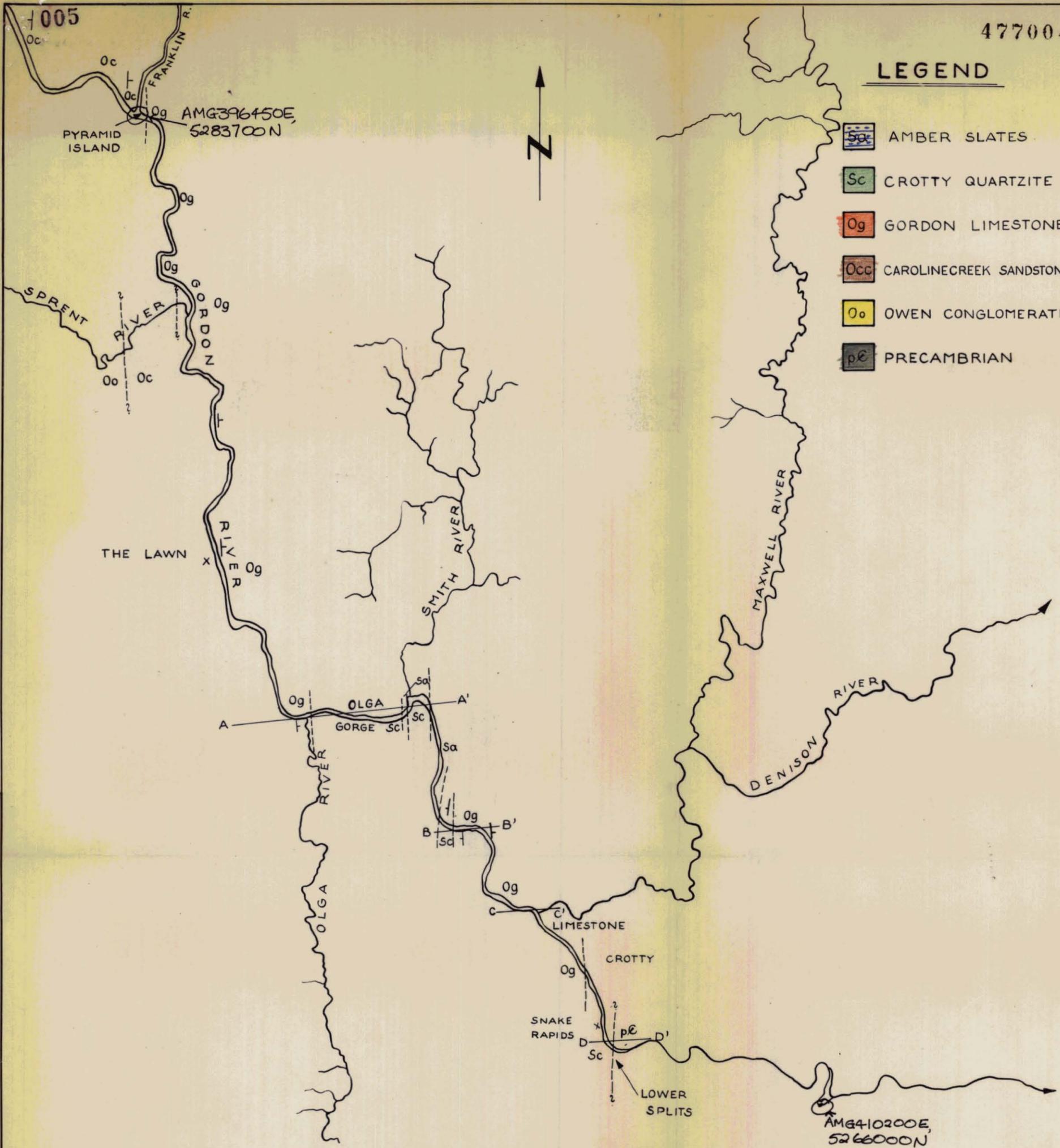
The trip gave information which will be of a great help in the photo interpretation of the area.

D. Sanpey

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LEGEND

-  AMBER SLATES
-  CROTTY QUARTZITE
-  GORDON LIMESTONE
-  CAROLINE CREEK SANDSTONES
-  OWEN CONGLOMERATE
-  PRECAMBRIAN

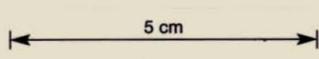


SKETCH MAP

AND DIAGRAMATIC SECTION OF GORDON RIVER SPLITS TO PYRAMID ISLAND

SCALE: APPROX. 1" = 1 MILE

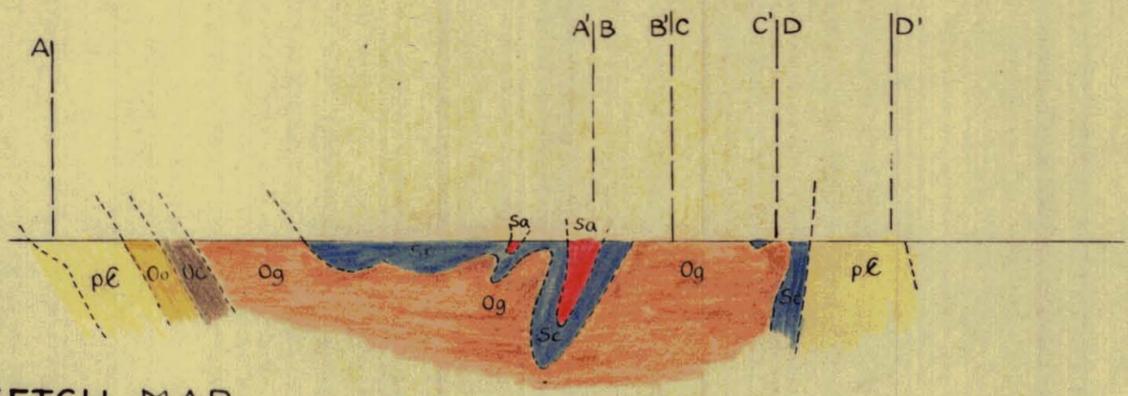
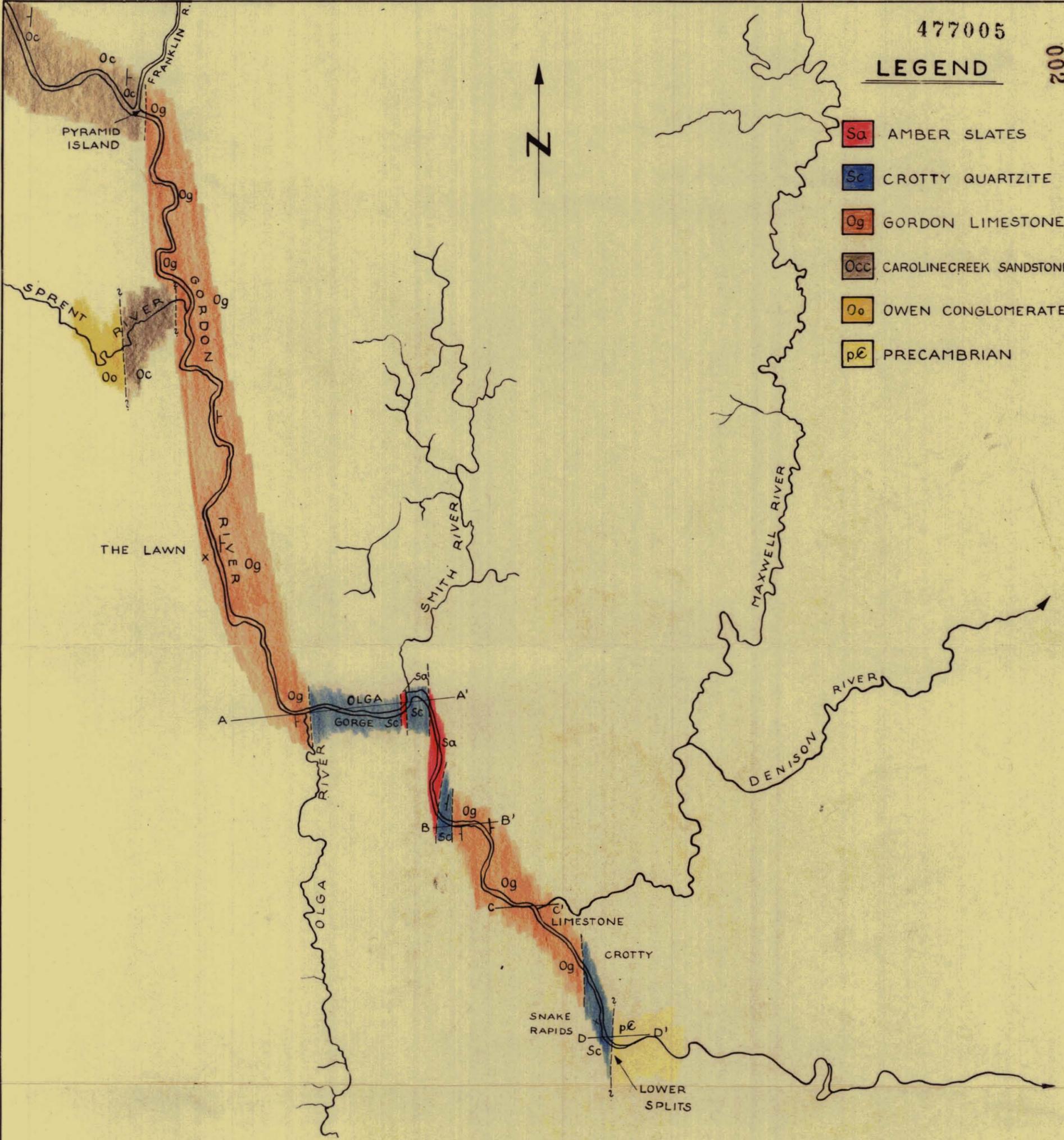
AMG REFERENCE POINTS ADDED



L.E.E. Q5

LEGEND

- Sa AMBER SLATES
- Sc CROTTY QUARTZITE
- Og GORDON LIMESTONE
- Occ CAROLINE CREEK SANDSTONES
- Oo OWEN CONGLOMERATE
- pℓ PRECAMBRIAN

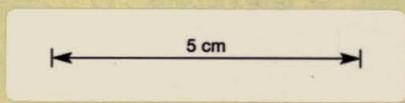


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