THE UNIVERSITY OF ADELAIDE DEPARTMENT OF GEOLOGY AND MINERALOGY

GEOLOGY OF THE MT. CHAMBERS GORGE REGION, FLINDERS RANGES, SOUTH AUSTRALIA

Report on Geological Investigations Submitted in Partial Fulfilment of the Course Requirements of Honours Geology

by

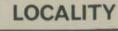
Trevor J. Mount, B.Sc.

October, 1970 b.

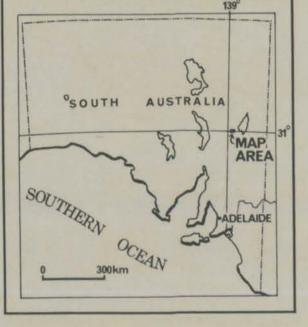
## **MT. CHAMBERS GORGE REGION** FLINDERS RANGES

SOUTH AUSTRALIA

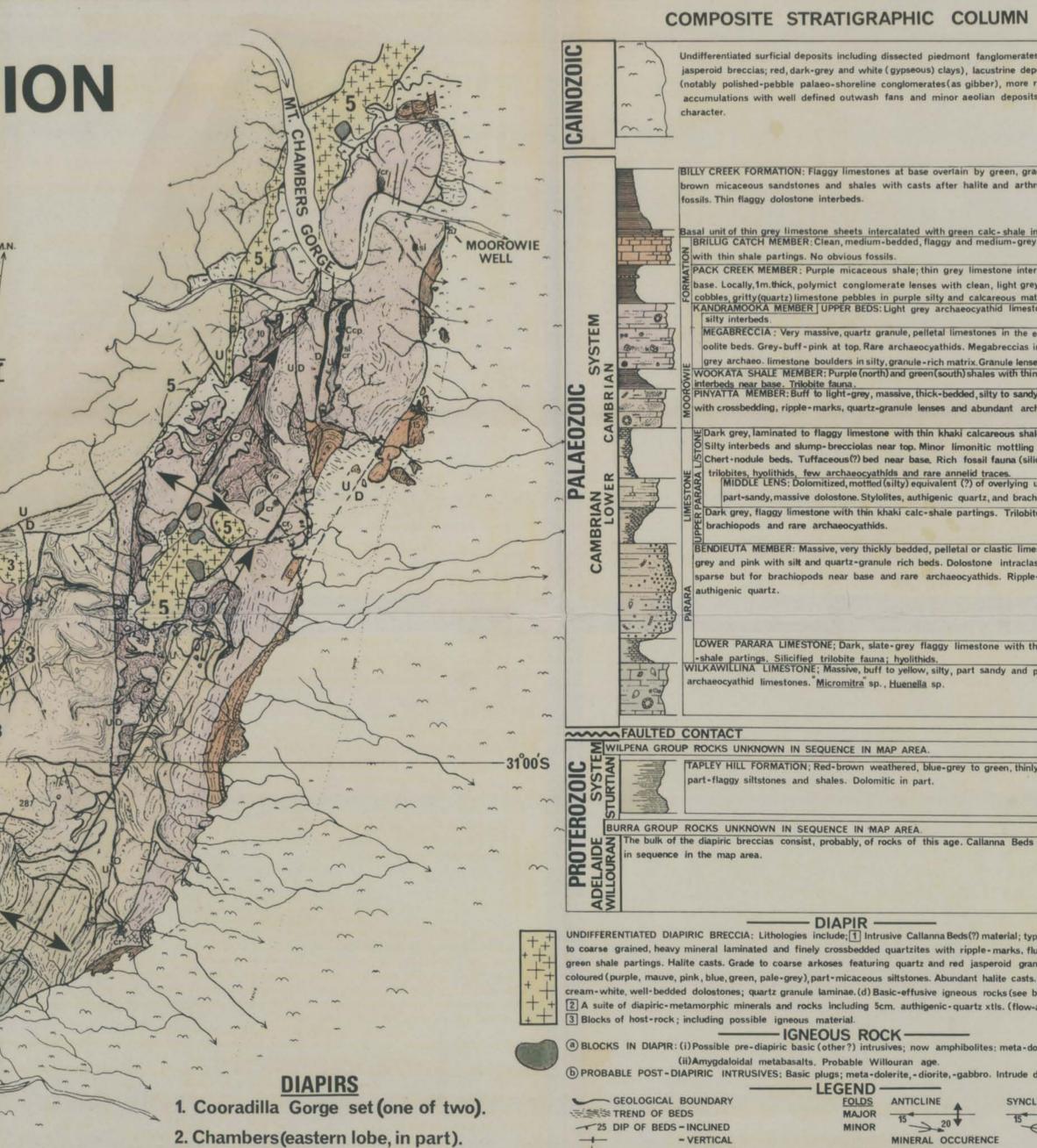
**GEOLOGICAL MAP** 



31°00 S



39°1 SCALE 2km



-+-

MINK CT CRUSH ZONE

SHAFT

SILICIFIED ZONE

THRUST FAULT

- HORIZONTAL

U \_\_\_\_\_ FAULT (With apparent dip-slip movement)

Cu -COPPER-SECONDARY

-SULPHIDES

● Ccp

Pb -GALENA

----- FENCE

Sp -SPECULARITE

▲ TRIG. STATION

- 3. Mt. Vie set (5).
- 4. Breccia zone (diapir?).
- 5. Moorowie set (6).

FIGURE	9	-	
1		METRE)	
tes (with red		SS (1	
eposits e recent		CKNE	
its of diverse		THK	
		URED	L
		MEAS	L
thropod (?) trace		٦	L
		> 293	L
interbeds. ey limestone		2	L
		34	L
terlaminae at rey limestone		46	L
natrix. stones with		-	L
east; basal(?)	0	32	L
s in west;Clean nses, blocks.	INO	49	
nin limestone	GR	23	
ndy limestones rchaeocyathids.		46	1
hale partings.			
ng near base. silicified) with		61	1
unit. Buff,silty,			
chiopods.		34	
bites, hyolithids,		43	
nestone.Buff to			
lasts. Biota is ple-marks and	E		
	NK	116	
	HAI	-	
thin khaki calc		31	
part oolitic			
		6L <	
	-		
nly laminated,	UP		
	<b>GRO</b>		
	5		
is are unknown	NA		
	BEDS		
	CA		
typically (a) Media flute-casts and	thin		
ranules.(b) Pastel ts.(c) Dark weat		d,	
below). w-aligned); specu	lari	te.	
dolerite, - diorite,	-gal	bbro	).
diapir(?) & Cam	bria	n.	
20 4			
	-		-