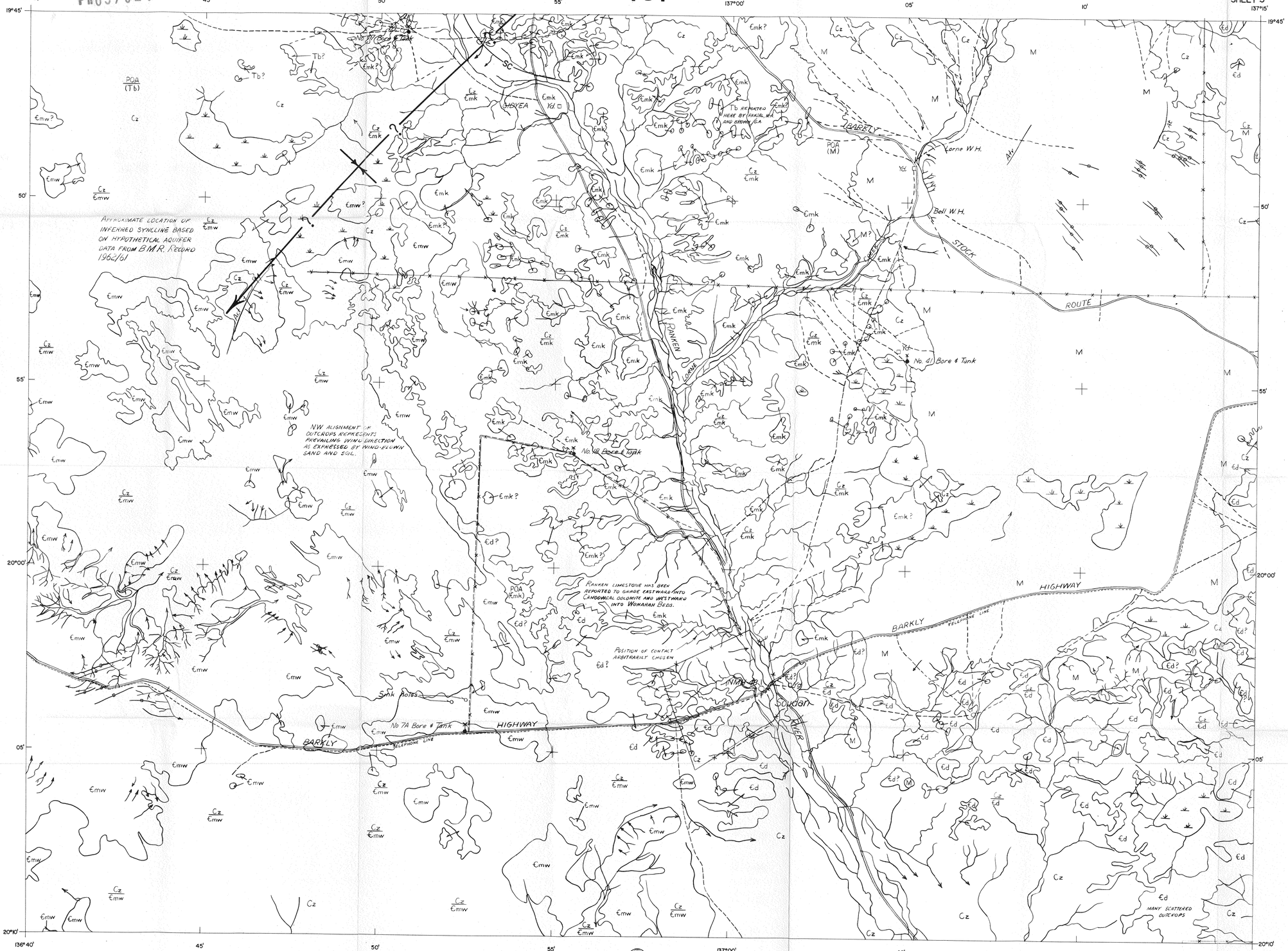
PR63/021

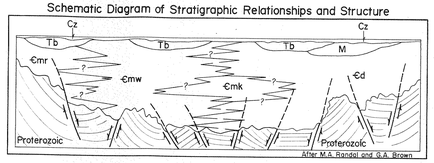
SHEET 3



LEGEND

CAINOZOIC	Tertiary	Undiff.	Cz	Alluvium, sand, gravel, residual soil, and some laterite.
		Brunette limestone	Tb	White to brown, fine-grained to coarsely crystalline nodular limestone and dolomite with siltstone and gypsum, some chert and opaline nodules. Poorly developed bedding. Outcrops usually limited to swampy and low-lying areas.
MESOZOIC		Undiff.	M	Quartz sandstone, silicified in part, some pebble conglomerate. Similar lithology to Mesozoic rocks near Creswell Downs and Camooweal; thickness not established.
PALEOZOIC	Middle Cambrian	Undiff.	Ꞓm	Fossiliferous crystalline dolomite and chert. Correlation not established.
		Burton beds	Ꞓmr	Fossiliferous siltstone and chert, calcarenite, coquinite, and crystalline limestone. May be as thick as 300 feet at No. 37 Alexandria Bore.
		Wonarah beds	Ꞓmw	Fossiliferous silicified limestone, siltstone, chert, silicified shale, lateritized up to 30 feet deep; probably several hundred feet thick; 450 feet thick at Wonarah Bore.
		Ranken limestone	Ꞓmk	Fossiliferous and crystalline limestone, some chert nodules; poorly developed bedding; may be several hundred feet thick.
	Cambrian	Camooweal dolomite	Ꞓd	White crystalline dolomite with chert nodules and bands, possibly with some quartz sandstone, may be as thick as 800 feet.

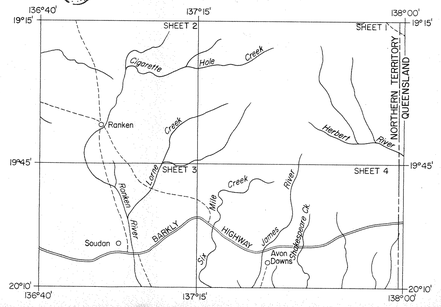
Schematic Diagram of Stratigraphic Relationships and Structure



After M.A. Randal and G.A. Brown

GEOLOGIC SYMBOLS

- Dip and strike based on geomorphic evidence.
- GEO — Inferred geomorphic anticline.
- X — X — Inferred geomorphic trend, structure unknown.
- Syncline, arrow denotes plunge. Questioned where inferred.
- SC — Possible structurally controlled stream.
- Atdvc — Distinctive alignment, topographic, drainage, vegetative, color or tonal.
- Possible geomorphic positive anomaly.



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PHOTOGEOLOGIC EVALUATION MAP

OF PART OF

OIL PERMIT 61

NORTHERN TERRITORY, AUSTRALIA

by

DOERINGSFELD, AMUEDO and IVEY
DENVER, COLORADO, U.S.A.
AUGUST, 1963

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