7290,000N 230,000E 250 270 290,000E

132°15' 132°30' 132°45' 133°

24°30' 24°45' 25°

N7,280,000 N7240,000

LEVI RANGE

PALMER RIVER

LINE SR.A

LINE SR.B

LINE SR.C

SEYMOUR RANGE

PALMER RANGE

HILLS

LIDDLEY

A B

7230,000N 230,000E 25 27 290,000E

CAINOZOIC

QUATERNARY

Undifferentiated	Q	Alluvium, sand, travertine, gypsum, conglomerate (section only)
	Qa	Alluvium, river gravel
	Qs	Aeolian sand
	Qt	Evaporites
	Ql	Travertine
	Qg	Gypsum
	Qc	Conglomerate

TERTIARY

Undifferentiated	T	Calcareous, silty sandstone, conglomerate, limestone
	Tl	Limestone containing freshwater gastropods, siltstone and sandstone interbeds
	Tc	Conglomerate
	Tb	Silcrete (grey billy)
	Tc	Laterite, ferricrete
	Ts	Sandstone, siltstone

DEVONIAN TO CARBONIFEROUS

Pertnjadi Group — Undifferentiated	Pzp	Sandstone, pebbly sandstone, siltstone
Hermannsburg Sandstone	Pzr	Red-brown sandstone, pebbly sandstone, minor silty sandstone
Parke Siltstone	Pzk	Siltstone, calcareous siltstone, limestone and fine silty sandstone interbeds

SILURIAN? TO DEVONIAN

Mereenie Sandstone	Pzm	White, cross-bedded sandstone

CAMBRIAN TO ORDOVICIAN

Larapinta Group — Undifferentiated	€-Ol	Fossiliferous sandstone, siltstone and limestone
Carmichael Sandstone	Oc	Red-brown sandstone, siltstone interbeds
Stokes Siltstone	Os	Siltstone, fossiliferous limestone and sandstone interbeds
Stairway Sandstone	Ost	Fossiliferous sandstone, siltstone, thin phosphorite and limestone
Horn Valley Siltstone	Oh	Fossiliferous siltstone, limestone
Pacoota Sandstone	€-Op	Fossiliferous sandstone, siltstone, pebbrock

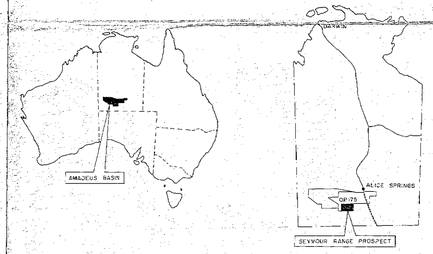
CAMBRIAN

Undifferentiated	€z	Sandstone, siltstone, shale, limestone
Goyder Formation	€g	Sandstone, siltstone, dolomite
Petermann Sandstone	€e	Red-brown sandstone, siltstone, sandy limestone
Deception Formation	€d	Red-brown siltstone, shale
Ilfara Sandstone	€i	Brown sandstone, silty sandstone
Jay Creek Limestone — Pertnjadi Group	€j	Fossiliferous limestone, dolomite, siltstone
Tempe Formation	€t	Siltstone, shale, interbeds of dolomite, sandstone and fossiliferous limestone
Chandler Limestone	€l	Limestone and dolomite with chert laminae; halite?
Enints Sandstone	€n	Brown sandstone with minor conglomerate, silty sandstone, siltstone
Quandong Conglomerate	€q	Conglomerate, conglomeratic sandstone

PRECAMBRIAN

PROTEROZOIC

Winnall Beds	Pzw	Sandstone, siltstone, silty sandstone
Pertatataka Formation	Pzp	Siltstone, shale, sandstone, limestone
Areyonga Formation	Pza	Felsic pebbly claystone, siltstone, sandstone
Inindia Beds	Pzn	Siltstone, shale, limestone, dolomite, chert, chert breccia, sandstone interbeds
Bitter Springs Formation	Pzb	Dolomite, sandy dolomite, limestone, siltstone and sandstone interbeds; halite?



ROAD
TRACK
RIVER

A
4000'
0'
4000'
8000'
SEYMOUR RANGE ANTICLINE
PALMER RIVER
TRACK
B
4000'
0'
4000'
6000'

SCALE 1:100,000

METRES 0 2 4 6 8 10 12 14 16 18 20 22,000

YARDS 0 2 4 6 8 10 12 14 16 18 20 24,000

KILOMETRES 0 2 4 6 8 10 12 14 16 18 20 22

MILES 0 2 4 6 8 10 12

10,000 METRE, UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 53 AUSTRALIAN NATIONAL SPHEROID

MAGELLAN PETROLEUM (N.T.) PTY. LTD.

"A" HORIZON

CONTOUR INTERVAL 500' . DATUM 1600' A.S.L.

SEYMOUR RANGE PROSPECT

AMADEUS BASIN

NORTHERN TERRITORY

FEB 1972

GEOLOGY & SECTION TAKEN FROM B.M.R. HENBURY SHEET 1966

DRAFTED BY OCC

Bendix

Austrol United Geophysical Pty. Ltd. PARTY 88

PR1971-0003

ENCLOSURE 2

FILE N°7266