

SCALE 1:100,000

METRES

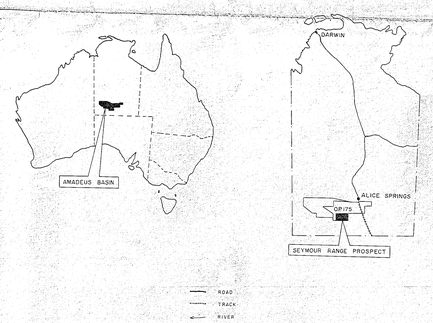
YARDS

KILOMETRES

MILES

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

Era	Period	Group	Unit	Symbol	Description
CAINOZOIC	QUATERNARY		Undifferentiated	Q	Alluvium, sand, travertine, gypsum, conglomerate (section only)
				Qa	Alluvium, river gravel
				Qs	Aeolian sand
				Qt	Evaporites
				Qt	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-buff)
				To	Laterite, ferricrete
				Ts	Sandstone, siltstone
PALAEOZOIC	DEVONIAN TO CARBONIFEROUS	Pertnjara 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	Є-Ol	Fossiliferous sandstone, siltstone and limestone
			Carmichael Sandstone	Oc	Red-brown sandstone, siltstone interbeds
			Stokes Siltstone	Ot	Siltstone, fossiliferous limestone and sandstone interbeds
			Stairway Sandstone	Os	Fossiliferous sandstone, siltstone; thin phosphorite and limestone
			Horn Valley Siltstone	Oh	Fossiliferous siltstone, limestone
			Pacoota Sandstone	Є-Op	Fossiliferous sandstone, siltstone; pipe-rock
	CAMBRIAN	Pertnjorita Group	Undifferentiated	Єp	Sandstone, siltstone, shale, limestone
			Goyder Formation	Єg	Sandstone, siltstone, dolomite
			Petermann Sandstone	Єe	Red-brown sandstone, siltstone, sandy limestone
			Deception Formation	Єd	Red-brown siltstone, shale
			Illara Sandstone	Єi	Brown sandstone, silty sandstone
			Jay Creek Limestone	Єj	Fossiliferous limestone; dolomite, siltstone
			Tempe Formation	Єt	Siltstone, shale, interbeds of dolomite, sandstone and fossiliferous limestone
			Chandler Limestone	Єl	Limestone and dolomite with chert laminae; halite?
			Eninta Sandstone	Єn	Brown sandstone with minor conglomerate, silty sandstone, siltstone
			Quandong Conglomerate	Єq	Conglomerate, conglomeratic sandstone
PRECAMBRIAN	PROTEROZOIC		Winnall Beds	Ꝑuw	Sandstone, siltstone, silty sandstone
			Pertatataka Formation	Ꝑup	Siltstone, shale, sandstone, limestone
			Areyonga Formation	Ꝑuo	Tillitic pebbly claystone, siltstone, sandstone
			Inindia Beds	Ꝑun	Siltstone, shale; limestone, dolomite, chert, chert breccia, sandstone interbeds
			Bitter Springs Formation	Ꝑub	Dolomite, sandy dolomite, limestone, siltstone and sandstone interbeds; halite?



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

"B" 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 1968

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Bendix

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ENCLOSURE 1

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