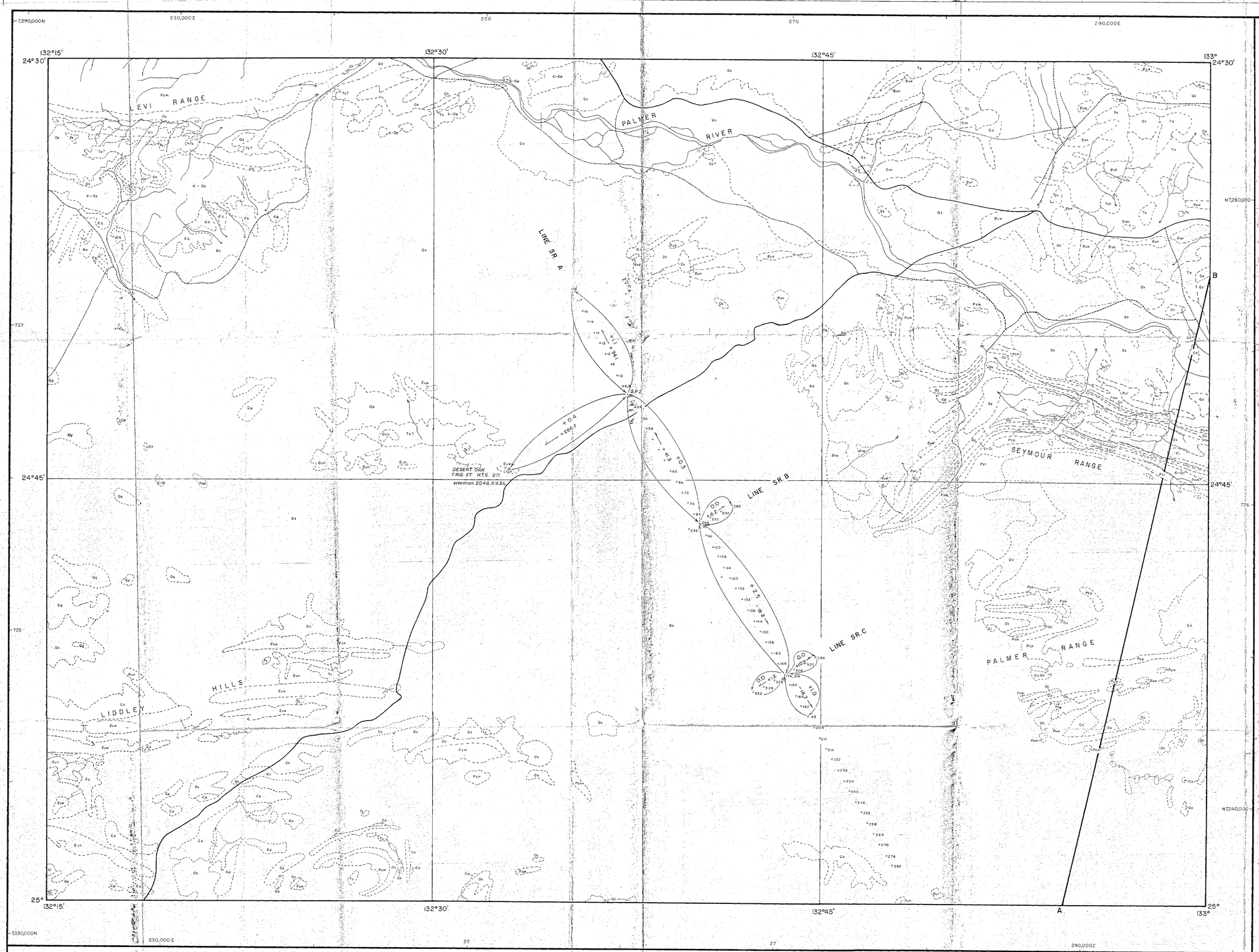
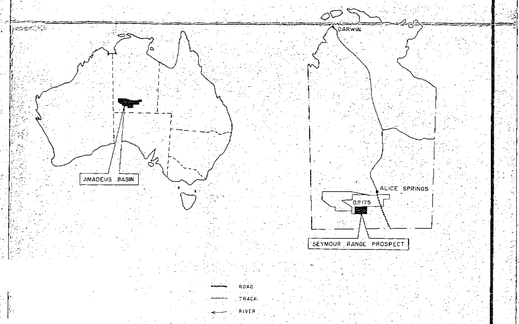
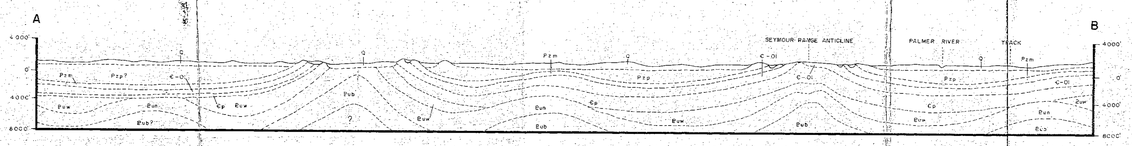


CAINOZOIC	QUATERNARY	Undifferentiated	Q	Alluvium, sand, travertine, gypsum, conglomerate (section only)
			Qa	Alluvium, river gravel
			Qs	Aeolian sand
			Qr	Evaporites
			Ql	Travertine
			Qg	Gypsum
			Qc	Conglomerate
	TERTIARY	Undifferentiated	T	Calcareous, silty sandstone, conglomerate, limestone
			Tl	Limestone containing freshwater gastropods, siltstone and sandstone interbeds
			Tc	Conglomerate
			Tb	Silcrete (grey birty)
			Ts	Laterite, ferricrete
			Ts	Sandstone, siltstone
PALAEOZOIC	DEVONIAN TO CARBONIFEROUS	Pennsylvania Group: Undifferentiated	Pzp	Sandstone, pebbly sandstone, siltstone
		Pennsylvania Group: Hermannsburg Sandstone	Pzr	Red-brown sandstone, pebbly sandstone, minor silty sandstone
		Pennsylvania Group: 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
		Larapinta Group: Carmichael Sandstone	Oc	Red-brown sandstone; siltstone interbeds
		Larapinta Group: Stokes Siltstone	Os	Siltstone, fossiliferous limestone and sandstone interbeds
		Larapinta Group: Stairway Sandstone	Os	Fossiliferous sandstone, siltstone, thin phosphorite and limestone
		Larapinta Group: Horn Valley Siltstone	Oh	Fossiliferous siltstone, limestone
		Larapinta Group: Pacoota Sandstone	Є-Op	Fossiliferous sandstone; siltstone; pipe-rock
	CAMBRIAN	Pertaoorta Group: Undifferentiated	Єp	Sandstone, siltstone, shale, limestone
		Pertaoorta Group: Goyder Formation	Єg	Sandstone, siltstone, dolomite
		Pertaoorta Group: Petermann Sandstone	Єe	Red-brown sandstone, siltstone, sandy limestone
		Pertaoorta Group: Deception Formation	Єd	Red-brown siltstone, shale
		Pertaoorta Group: Illara Sandstone	Єi	Brown sandstone, silty sandstone
		Pertaoorta Group: Jay Creek Limestone	Єj	Fossiliferous limestone; dolomite, siltstone
		Pertaoorta Group: Tempe Formation	Єt	Siltstone, shale, interbeds of dolomite, sandstone and fossiliferous limestone
		Pertaoorta Group: Chandler Limestone	Єl	Limestone and dolomite with chert laminae; halite?
		Pertaoorta Group: Eninta Sandstone	Єn	Brown sandstone with minor conglomerate, silty sandstone, siltstone
		Pertaoorta Group: Quandong Conglomerate	Єq	Conglomerate, conglomeratic sandstone
PRECAMBRIAN	PROTEROZOIC	Winnall Beds	Ꝑuw	Sandstone, siltstone, silty sandstone
		Pertatataka Formation	Ꝑup	Siltstone, shale, sandstone, limestone
		Areyonga Formation	Ꝑua	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?





SCALE 1:100,000

METRES

YARDS

KILOMETRES

MILES

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

SURVEYOR: A.J.JONES
DATUM SEA LEVEL

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SEISMIC SURVEY

VERTICAL LOOP CLOSURE

SEYMOUR RANGE PROSPECT

AMADEUS BASIN

NORTHERN TERRITORY

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PLATE 9