

Photo Gallery – 1st Order theodolite and tellurometer traverse

Editor: From the 1958 First Order geodetic traverse by theodolite and tellurometer (MRA1) from Charters Towers QLD to Tennant Creek NT - Topographic Squadron AHQ Survey Regiment, Bendigo, VIC. Traverse 1,637 km establishing 62 stations.



Topo Sqn vehicles with trailers all the way from Bendigo VIC more than 2,700 km away. Are they Austin Champs which I have been told were on issue to Topo Sqn and replaced by Landrover Series 2 in 1960, or Ford Jeep?



At station A 418 - the tellurometer MRA1

Flat country required erection of Bilby towers to extend lines of sight for theodolite and tellurometer observations.



Digging the foundations



The inner tower frame above the survey mark was for the theodolite and tellurometer and the outer to support the observing platform



Five teams erected and dismantled twenty-five towers (about 20 metres high) mainly over the 500 km between Camooweal QLD and Tennant Creek NT.

See also the article in Newsletter No. 53, September 2021, *Warrant Officer Class 1 Ronald Newman*

