

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

This Trig. Station has been:-

Note: Cross out word or words which do not apply

1. Completely cleared to permit 360° vision to surrounding Trigs. —
2. Cleared by lanes bearing 117.71° at 185° m. 26.7 m at 328° m. from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/~~not unpiled~~, dimensions now being: ~~2.950 m. high, 1.030 m. diam.~~ (SEE NOTE BELOW)

Description of mark... stainless steel trig. pin should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark... 0.018 m above rock/concrete
 Height of Top Vanes to Top Mark... 1.030 m. Diameter of Vanes (vertical) 1.030 m.
 Height of Cairn... 1.0 m. Diameter of Cairn... 1.5 m.

Length of Mast... 2.950 m. (approximate if not unpiled)

5. A.G.I. Pipe... set in conc./rock has been placed/rd. 4.420 m. bearing 115° from Trig. Mast
6. Copper Nail... set in conc./soil has been placed/rd. 3.133 m. bearing 240° from Trig. Mast
7. A... set in conc./soil has been placed... m. bearing...° from Trig. Mast
8. A... set in conc./rock has been placed... m. bearing...° from Trig. Mast

9. Connection Cu Nail to G.I. Pipe... 4.200 m. bearing 132° m. NOTE: Brass plug found loose by D. Fredriksen on 29.11.77.
 10. Connection... to... m. bearing...° m. Replaced by s/s trig pin in conc. on 30.11.77.
 11. Connection... to... m. bearing...° m. s/s trig pin is 0.140 above old brass plug & concentric
 12. Connection... to... m. bearing...° m.

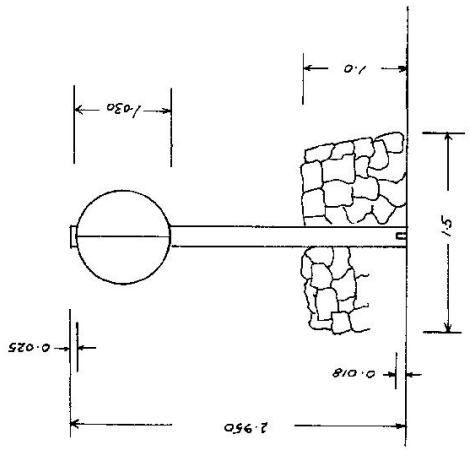
13. Diff. Ht. Copper Nail in conc. is 0.395 m. above below s/s trig pin
14. Diff. Ht. G.I. Pipe in conc. is 0.599 m. above below s/s trig pin
15. Diff. Ht. ... is ... m. above below
16. Diff. Ht. ... is ... m. above below

Prepared By: D. Kinnyade 7.12.77. Checked: G. A. Lane 17/2/78 Noted on U.T.M. Card

STATION ROYAL C.S. 3972

Map Sheet: CAMBERWELL No: 9133
 Inspected by: D. Fredriksen Date: 29.30/11/77
 Authority: C. M. A. Field Book: 1607

Beacon Diagram Not to Scale



Date Record of Station

Checked

STATION ROYAL G.S. TS 3972

Owners Name.....
 Current Occupant.....
 Address.....
 Address.....

29-30/11/1977

FEATURE

- Access KMS. 0-0
- 0-6
- 0-9
- 1-15
- 17-0
- 38-6
- 38-65
- 38-6
- 40-7
- 42-1
- 42-8
- 44-2
- * 45-55
- 52-35
- 54-5

Singleton Post Office, John St.
 Turn LEFT onto New England Hwy and cross Hunter River.
 Leave Hwy by travelling straight ahead into Newton St
 Turn RIGHT onto bitumen road and follow this road towards Carrrow Brook

Pass Mt. Pleasant turnoff - continue straight ahead to Carrrow Brook
 Take gravel track off to the left.

Grid
 Grid
 Grid
 Grid

Pass 'Cassels Road' on L.H.S. continue straight ahead

Grid and gate

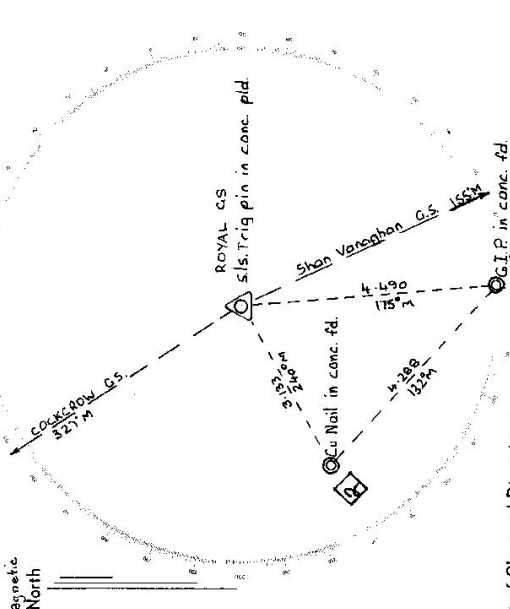
Forestry Comp on R.H.S.

Track intersection sign 'Youngs Road' leave truck at bottom of clear steep spur. About 1hr walk trail is biased through 2 scrubby sections at top of hill.

* Before going up to Trig. contact Mr. G. King of the Cessnock Forestry Commission as the gate at 43.5km. is locked on weekends to keep trail bikes out of forest.

Not to Scale

Station Diagram



List of Observed Directions:-

Station	Direction	Station	Direction
Shan Vanaghan G.S.	0° 00' 00"	Shan Vanaghan G.S.	0° 00' 00"
COCKCROW G.S.	172° 02' 12"	COCKCROW G.S.	172° 04' 45"
G.I.P. in conc. fd.	19° 33'	Trig. plug (Grid + loss)	265° 16'
Cu Nail in conc. fd.	85° 15'	G.I.P. in conc.	337° 32'

Station	Direction	Station	Direction