

CENTRAL MAPPING AUTHORITY  
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION ROSS T.S.

7156

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..... from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled, dimensions now being: *Original Station mark was set*  
 Description of mark..... *6.446 m above* *0.000 m below* *reek/concrete* *0.000 m above* *0.000 m below* *G.L.*  
 Height of mark.....  
 Height of Top Vanes to Top Mark *3.536 m* Diameter of Vanes (vertical) *1.012 m*.  
 Height of Cairn.....m. Diameter of Cairn *1.5 m*.

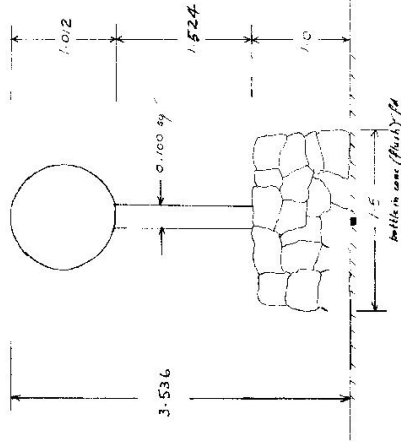
5. A. *G.I. Pipe* set in conc/reek has been placed *4.176 m* bearing..... *1.09M* from Trig. Mast
6. A. *Cu. Nail* set in conc/reek has been placed *4.302 m* bearing..... *317.09M* from Trig. Mast
7. A..... set in conc/sail has been placed.....m. bearing.....*09M* from Trig. Mast
8. A..... set in conc/rock has been placed.....m. bearing.....*09M* from Trig. Mast
9. Connection. *G.I. Pipe* to *Cu. Nail* : *3.414 m* bearing.....*2.72...09M*
10. Connection..... to..... m. bearing.....*09M*
11. Connection..... to..... m. bearing.....*09M*
12. Connection..... to..... m. bearing.....*09M*
13. Diff. Ht. *G.I. Pipe* is *0.004 m* *above* *bottle in conc.*  
 below
14. Diff. Ht. *Copper Nail* is *0.038 m* *above* *bottle in conc.*  
 below
15. Diff. Ht. *G.I. Pipe* is *0.032 m* *above* *Copper nail*  
 below
16. Diff. Ht. is.....m. *above*  
 below

Prepared by: *D. Kinlay* Checked: *D. Kinlay* Noted on U.T.M. Card

Co: *COLLICH* Ph: *WATERLOO*  
 Map Sheet: *GLENN INNES-5* No: *9238*  
 Inspected by: *D. Finckh* Date: *24-11-75* S.S. 76  
 Authority: *CMR 72/66* Field Book: *491 4478*

Beacon Diagram

Not to Scale



Date

Record of Station

*24-11-75* Connections by *D. Finckh* *Fig. 103, not impl.*  
*5-5-76* Connections by *D. Finckh* *Fig. impl.*

Checked *D. Kinlay*

STATION ROSS T.S. 7156

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

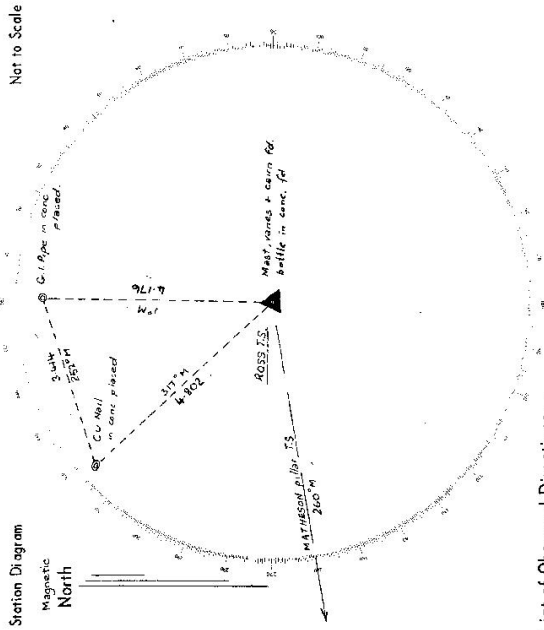
Address..... Address.....

Access 24-11-1975 @ 5.5 MTB

Featuring

- 0 At intersection of Gray & Ferguson St  
Travelling towards Inverell
- 0.8 Level Crossing
- 1.1 Pass turn to right RHS
- 11.5 Take road on left over grid sign ROSEHILL
- 12.9 Grid
- 13.3 Grid
- 13.8 Through iron gate
- 14.2 Iron Gate
- 15.0 Iron Gate
- 15.8 Repeater station. From here drive uphill to  
the right & slightly behind

16.1



List of Observed Directions:-

Station	Direction	Station	Direction
MATHESON pillar T.S.	359° 59' 40"	MATHESON pillar T.S.	359° 59' 40"
Cu. Nail in conc. rd.	55° 40'	G.I. Pipe in conc. placed	177° 29'
Centre of Mast-bottle-wagon	235° 44'	Centre of Mast-bottle-wagon	235° 44'
Standpoint: Bottle in conc. rd. ✓			
Matheson pillar T.S.	359° 59' 40"	Station	Direction
Cu. Nail in conc. rd.	55° 40'		
G.I. Pipe in conc. rd.	99° 44'		

67



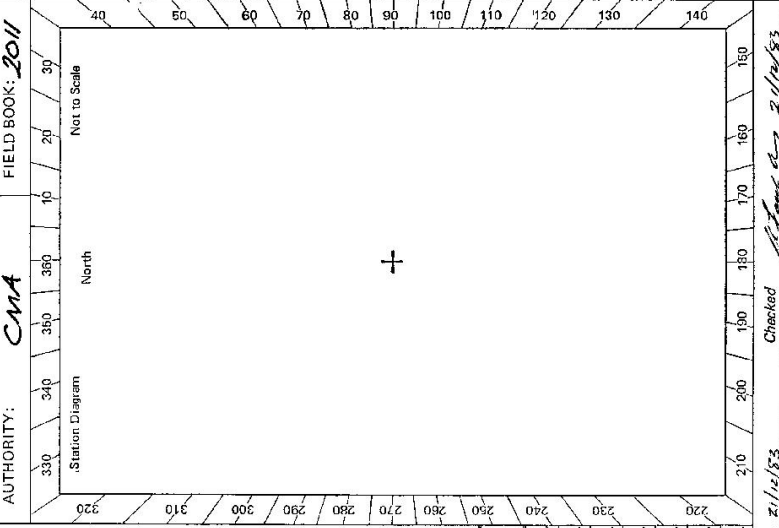
STATION <b>ROSS G.S. TS 7156</b>	Owner's Name: ..... Address: ..... Phone: ..... Current Occupant: ..... Address: ..... Phone: .....  ACCESS Access Report of 26/5/1976 was found suitable/ <del>unsuitable</del> . 0 JD Glen Innes P.D. Travel along Caydir H-WAY to Inverell 120 Turn left (Rosehill Rd.) 146 Go straight ahead through gate (Road Turns Left) 15 18 Gate 16 82 Gate 1700 Turn right off track up hill to Trig
Beacon Diagram Not to Scale	
This section to be completed by officer constructing pillar. Original station mark found/ <del>not found</del> <b>Not unpled</b>	
Description of mark: ..... Original beacon found/ <del>not found</del> . Description of beacon: <b>MAST + VANES</b> Height Top of Vane to Top Mark .....m. Height of mark .....m above G.L. / below rock/conc. ....m. Diameter of Vane .....m. Height of Cairn .....m. Original Beacon <del>was</del> /has not been destroyed by me.	
Date	Record of Station

TS 7156  
No.: 3854

STATION: ROSS  
MAP SHEET  
SCALE 1:250 000

GRAFTON  
INSPECTED BY: A. GARDNER  
DATE: 2-9-82

AUTHORITY: CMA  
FIELD BOOK: 2011



CENTRAL MAPPING AUTHORITY  
GEODETTIC SURVEY OF N.S.W.  
GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

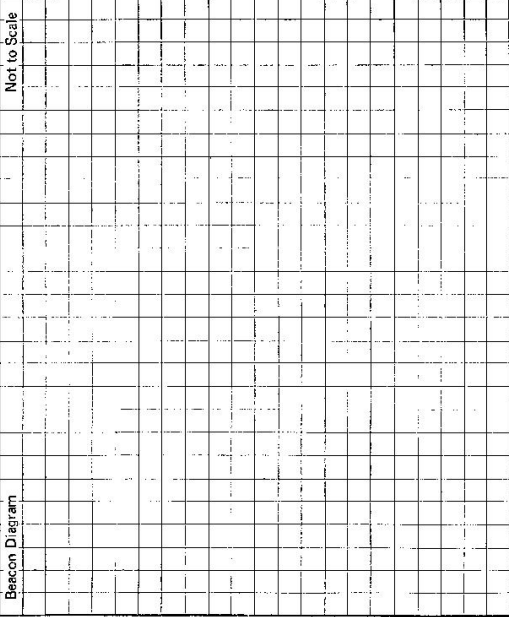
- Description:  
Cleared by lanes bearing..... from Trig. Mast
1. Mast & Vanes have been painted white & black respectively.
2. The station/pillar was unpiled/not unpiled/constructed on..... 19....., dimensions now being:  
Description of mark..... should be explicit, e.g., ~~Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe~~
- Height of mark..... m. <sup>above</sup> rock/concrete. Mark is..... m. <sup>above</sup> G.L.
- Height of Top Vanes to Top Mark/Pillar plate..... m. ~~ONLY~~ Diameter of Vanes (vertical)..... m.
- Height of Cairn..... m. Diameter of Cairn..... m. Name Plate found/not found/placed.
- Length of Mast..... m. (approx. ~~plate~~ if not unpiled)
4. A..... set in conc/rock ~~has been placed~~/found, bearing..... °M from Mast/Plug/Pillar
5. A..... set in conc/rock has been placed/ found, bearing..... °M from Mast/Plug/Pillar
6. A..... set in conc/rock has been placed/ found, bearing..... °M from Mast/Plug/Pillar
7. A..... set in conc/rock has been placed/ found, bearing..... °M from Mast/Plug/Pillar
8. Action required:.....  
*See 55/11/8 1041*

STANDPOINT:

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below

Prepared by: *Glaph.* Checked: *Glaph.* 21/11/83  
Noted on U.T.M. Card *Altitude 21/11/83*

SI: 2753--2 D. West, Government Printer

Beacon Diagram 	STATION <span style="font-size: 2em; font-weight: bold;">ROSS</span> JS 7156	Owner's Name: <u>C. V. SHEEDY</u> Address: <u>"ROSE HILL"</u> Phone: <u>067 323177</u> Current Occupant: <del>.....</del> Address: <del>.....</del> Phone: <del>.....</del> ACCESS <u>2-9-1982</u>	Access Report of <del>.....</del> was found <del>.....</del> suitable. 0:0 <u>GLEN LINES P.O. heading north in Grey St.</u> 0:2 <u>Turn left towards Inverell.</u> 11:3 <u>Pass sign, "Waterloo range"</u> 11:55 <u>Turn left over grid. Sign "Rose Hill"</u> 12:9 <u>Grid</u> 13:4 <u>Grid</u> 14:1 <u>Straight ahead thru iron gate.</u> 14:75 <u>Iron gate</u> 15:8 <u>Iron gate</u> 16:05 <u>Turn right off track up to trig.</u> 16:3 <u>Δ</u>
This section to be completed by officer constructing pillar. Original station mark found/not found. Description of mark: <del>.....</del> Original beacon found/not found. Description of beacon: <del>.....</del> Height Top of Vanes to Top Mark: <del>.....</del> m. Height of mark: <del>.....</del> m. <span style="font-size: 0.8em;">above rock/conc</span> <del>.....</del> m. <span style="font-size: 0.8em;">below</span> Diameter of Vanes: <del>.....</del> m. Height of Cairn <del>.....</del> m. Original Beacon has/has not been destroyed by me.		Date Record of Station	

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.M.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing  $345^\circ - 75^\circ - 83^\circ - 94^\circ - 100^\circ - 132^\circ - 137^\circ - 146^\circ - 149^\circ - 170^\circ$  from Trig. Mast

2. Mast & Vanes have been painted white & black respectively.  $177^\circ - 210^\circ - 216^\circ - 325^\circ$

3. The station/pillar was unpiled/not unpiled/constructed on  $16 - 8 - 19.84$ , dimensions now being:

Description of mark  $3 \times 3$  PILLAR PLATE should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark  $1.380$  m. <sup>above</sup> rock/concrete; Mark is  $1.520$  m. <sup>above</sup> G.L.

Height of Top Vanes to Top Mark/Pillar plate  $1.430$  m. Diameter of Vanes (vertical)  $0.250$  m.

Height of Cairn  $1.430$  m. Name Plate ~~found~~/not found/placed.  $1876/18$

Length of Mast  $1.430$  m. (approximate if not unpiled)

4. A.  $C.U. NAIL$  set in conc/rock has been ~~placed~~/found, bearing  $170^\circ - 6$  M from Mast/Plug/Pillar

5. A.  $G.I. PIPE$  set in conc/rock has been ~~placed~~/found, bearing  $53^\circ - 0$  M from Mast/Plug/Pillar

6. A. set in conc/rock has been placed/rock bearing  $170^\circ - 0$  M from Mast/Plug/Pillar

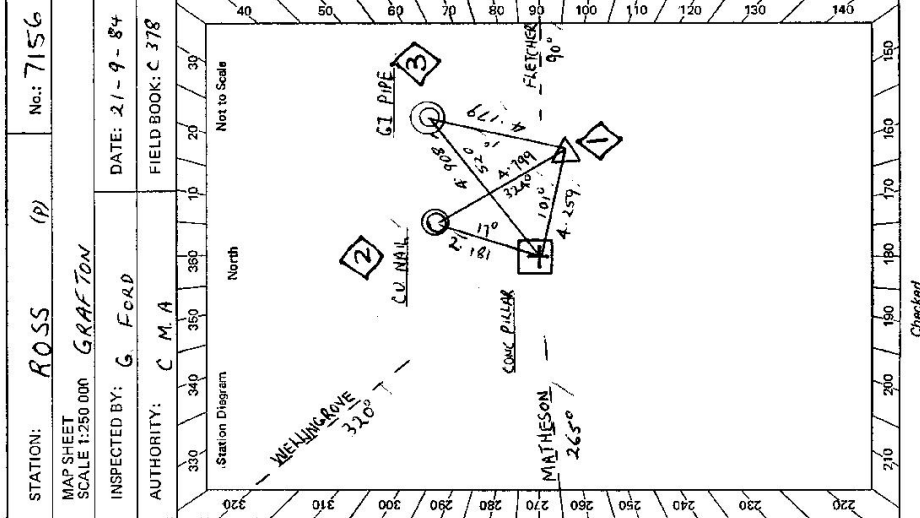
7. A. set in conc/rock has been placed/rock bearing  $170^\circ - 0$  M from Mast/Plug/Pillar

8. Action required:

STANDPOINT: PILLAR PLATE		STANDPOINT: TRIG. PLUG	
Mark	Direction	Mark	Direction
MATHESON (P)	0 00 00	MATHESON (P)	0 00 00
WELLING ROVE (S)	56 09 20	CONC PILLAR	28 38 40
C.U. NAIL	118 15 30	C.U. NAIL	55 41 20
G.I. PIPE	155 00 10	WELLING ROVE (S)	56 08 20
FLETCHER (S)	194 34 50	G.I. PIPE	99 46 40
TRIG PLUG	208 39 50	FLETCHER	184 34 00

Prepared by: *G Ford* Checked: *G Ford* 20.10.11 Noted on L.T.M. Card

SI 2733-1



Checked

GS 24

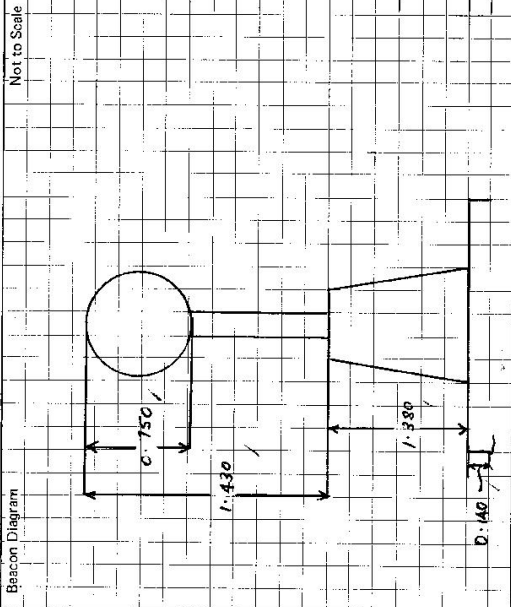
STATION **ROSS** (P) **TS 7156**

Owner's Name: **MR. C. V. SHEEDY**  
 Address: **ROSE HILL**  
 Phone: **(0677) 323 177**

**ACCESS**

Access Report of **21/9/1988** was found suitable/unsuitable.

- 0.00 **GLEN INNES P.O. HEADING NORTH IN GRAY ST.**
- 0.18 **TURN LEFT TOWARDS INVERELL**
- 11.48 **PASS SIGN WATERLOO RANGE**
- 11.74 **TURN LEFT EVER GRID SIGN "ROSE HILL"**
- 13.10 **GRID**
- 13.65 **GRID**
- 14.36 **STRAIGHT AHEAD THROUGH IRON GATE (OWNERS HOUSE TO LEFT)**
- 14.97 **IRON GATE**
- 16.04 **IRON GATE**
- 16.88 **TURN RIGHT OFF TRACK AT RADIO TOWER AND MAKE CUNNINGHAM UP HILL**
- 17.28 **ROSS GS.**



This section to be completed by officer constructing pillar.

Original station mark found/~~not found~~

Description of mark: **RO.I.H.E. IN CONCS.**

Original beacon found/~~not found~~

Description of beacon: **CAIRN POLE & DISC**

Height Top of Vane to Top Mark: **3.535**

Height of mark: **0.20** above G.L. / **0.30** below

Diameter of Vane: **1.030** Height of Cairn: **1.030**

Original Beacon has/~~has not~~ been destroyed by me.

Date	Record of Station