

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION TWIN MOUNT T.S. 4485

This Trig. Station has been:-

Co: Gough Ph: Louis

1. Completely cleared to permit 360° vision to surrounding Trigs.

Map Sheet: Glen Innes - N
Inspected by: D. Fredrickson
Authority: CMA 72/66

2. Cleared by vanes bearing from Trig. Mast

3. Trig. Mast & Vanes have been painted white & black respectively.

4. The Trig. was unpiled/~~re-erected~~, dimensions now being: Original Station Mark found, ~~not found~~

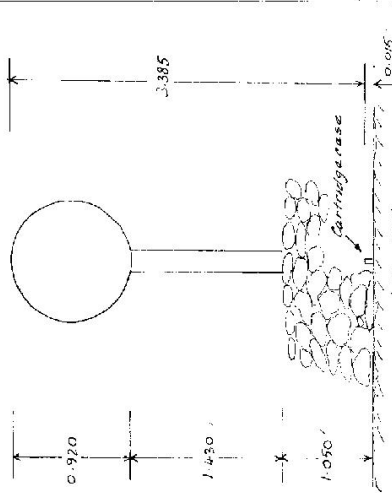
Description of mark... Cartridge Case should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
Height of mark... 0.015 m above rock/concrete 0.015 m above G.L.
Height of Top Vanes to Top Mark... 3.385 m. Diameter of Vanes (vertical) 0.920 m.
Height of Cairn... 1.050 m. Diameter of Cairn... 2.0 m.
Length of Mast... 3.420 m. (approximate if not unpiled)

5. A Copper Nail set in conc/rock has been placed found 7.046 m. bearing 255°M from Trig. Mast
6. A G.I. Pipe set in conc/soil has been placed 4.302 m. bearing 202°M from Trig. Mast
7. A... set in conc/soil has been placed... m. bearing...°M from Trig. Mast
8. A... set in conc/rock has been placed... m. bearing...°M from Trig. Mast
9. Connection Cu Nail to G.I. Pipe... 5.806 m. bearing 111°M

10. Connection... to... m. bearing...°M
11. Connection... to... m. bearing...°M
12. Connection... to... m. bearing...°M
13. Diff. Ht. Top of Vane... is 3.305 m. below Copper Mast
14. Diff. Ht. Top of Vane... is 3.355 m. above G.I. Pipe
15. Diff. Ht. Copper Nail... is 0.056 m. above G.I. Pipe
16. Diff. Ht. ... is... m. above below

Prepared by: D. Kingstone Checked: Aspinwall 2-5-72 Noted on U.T.M. Card

Beacon Diagram



Note: A stringy bark log mast was squarred for vanes only - original vanes were re-used. Trig name stamped into vanes.
Record of Station
Mast replaced, Cu Nail & G.I. Pipe placed by D. King
Connections to Cu Nail & G.I. Pipe by D. Fredrickson (Trig. implied)
19.7.25 Trig. placed over cairn

Checked by 12/15/72

STATION TWIN MOUNT T.S 4485

Owners Name..No. K.J. AYLWARD

Current Occupant.....

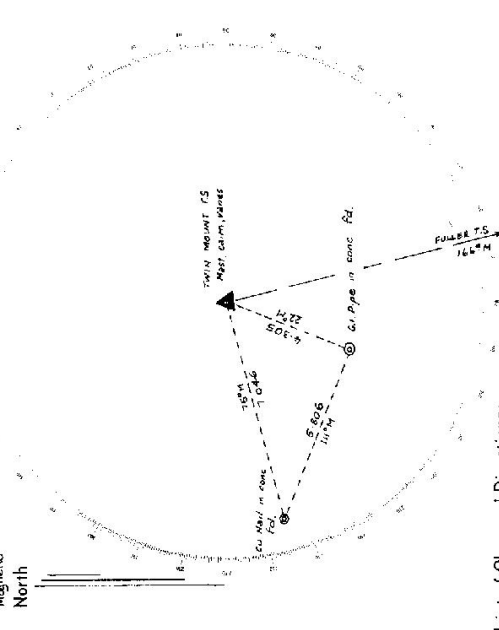
Address.....Phoenix Hill

Address.....

Glenn Innes

Not to Scale

Station Diagram
Magnetic
North



List of Observed Directions:-

Station	Direction	Station	Direction
FOLLER T.S	358.59.60	FOLLER T.S	358.59.60
G.I. Pipe in conc. Rd	278.11.30	centre of trig mast	286.27.30
centre of trig mast	213.15	G.I. Pipe in conc. Rd	366.12.30

- Access 27-11-1975
17-6-1975
- KEY:
 O.D.
 D.B.
 I-1.
 2-3
 26-4
- FEATURES:
 Junction of Grey & Ferguson Streets, Glenn Innes
 travel towards Airport
 Cross railway line
 Turn right, sign "EMERALD" "BRUSHWOOD" "AIRPORT"
 Pass road on left
 Pass airport on left
 Through iron gate on right, mailbox "COOLBAH"
 NOTE: The gate may be locked. Permission & Key
 obtainable from MR K.J. AYLWARD at Glenn Innes.
 telephone Glenn Innes 311
- 29-6 CoolBAH Homestead on left, follow track
 29-8 and, follow track, shed on left.
 30-4 Through iron gate, follow track
 31-1 Take track on left, slippings on right
 31-2 Cross river to right
 31-3 Take track to right
 32-0 Through wooden slip rails, follow track
 33-7 Through wooden slip rails, follow track
 34-1 through fence, dam on left
 34-2 Take right track
 34-3 Leave main track, turn right up gentle ridge
 to fence
 34-6 Fence, turn left, cross fence, follow ridge
 in a northerly direction to trig
 35-1 Trig.

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 lines-bearing from Trig. Mast.
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/~~not unpiled~~, dimensions now being.....

Description of mark..... concrete case..... should be explicit, e.g. Steel plug, Brass plug, Balr, G.I. Pipe
 Height of mark..... 0.015..... m ^{above} rock/concrete 0.915 m ^{below} G.I.
 Height of Top Vanes to Top Mark, 3.385 m. Diameter of Vanes (vertical) 0.220 m.
 Height of Cairn..... 1.050 m. Diameter of Cairn..... m.
 Length of Mast..... 3.400 m. (approximate if not unpiled)

5. A G.I. Pipe set in conc/rock has been placed. 4.355 m. bearing..... 22°M from Trig. Mast
6. A Cupail set in conc/~~soil~~ has been placed. 7.080 m. bearing..... 75°M from Trig. Mast
7. A..... set in conc/soil has been placed..... m. bearing.....°M from Trig. Mast
8. A..... set in conc/rock has been placed..... m. bearing.....°M from Trig. Mast

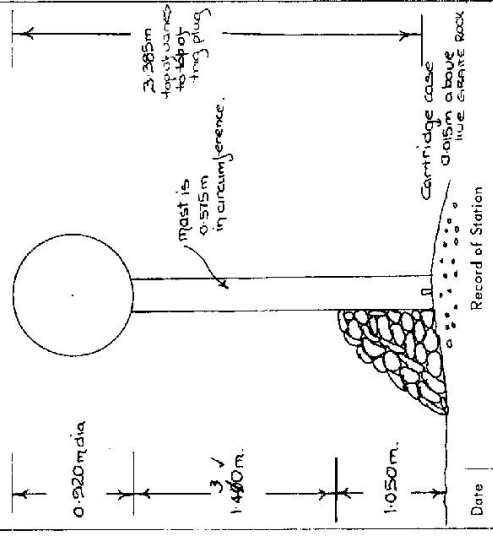
9. Connection G.I.P. to Cupail..... 5.804 m. bearing..... 11°M
10. Connection..... to..... m. bearing.....°M
11. Connection..... to..... m. bearing.....°M
12. Connection..... to..... m. bearing.....°M

13. Diff. Ht. G.I. Pipe is 2.362 m. ^{below} Top of vanes
14. Diff. Ht. Cupail is 3.304 m. ^{below} Top of vanes
15. Diff. Ht. Cupail is 0.954 m. ^{above} G.I. Pipe
16. Diff. Ht. is..... m. ^{above}.....

Prepared by: D. Halls Checked:..... Noted on U.T.M. Card 27

STATION TWIN MOUNT TS 4485
 Co: GOUGH Ph: LOUIS
 Map Sheet: GLEN INNES No: 9238
 Inspected by: D. KRIM Date: 14 June 75
D. KIRKBY/DE 5th AUGUST 76
 Authority: C.M.A 72/66. Field Book: 0398/12
1440/18

Beacon Diagram
 Not to Scale



Date

Checked

GEODETIC SURVEY OF M.S.W.

CENTRAL MAPPING AUTHORITY

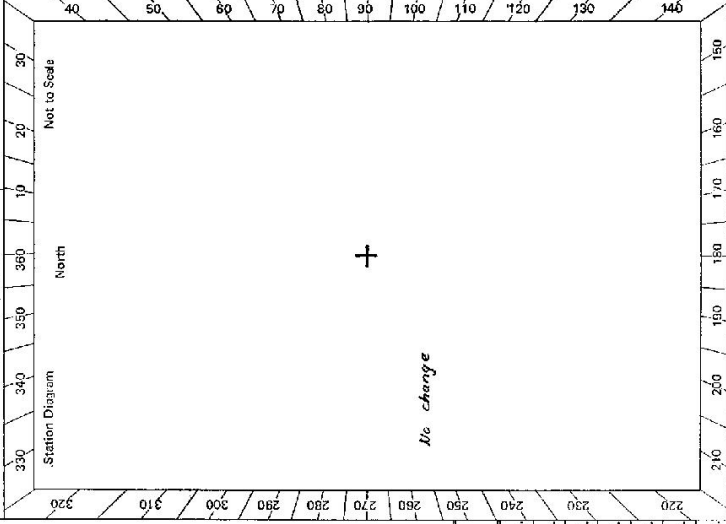
GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: TWIN MOUNTAIN GS No.: TS 4485

MAP SHEET SCALE 1:250 000 Grafton

INSPECTED BY: D. K. Myleside DATE: 18-8-78

AUTHORITY: CHA 67/2/2 FIELD BOOK: ---



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

Description:

- Cleared by lanes bearing..... Note: Cross out word or words which do not apply from Trig. Mast
- Mast & Vanes have been painted white & black respectively.
- The station/~~pillar~~ was ~~unplaced~~/not unplaced/constructed on..... 19....., dimensions now being: Description of mark..... should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe Height of mark..... m. ^{above} rock/concrete; Mark is..... m. ^{above} G.L. Height of Top Vanes to Top Mark/Pillar plate..... m. Diameter of Vanes (vertical)..... m. Height of Cairn..... m. Diameter of Cairn..... m. Name Plate found/not found/placed. Length of Mast..... m. (approximate if not unplaced) ^{no} Diameter of Mast..... m.
- A..... set in conc/rock has been placed/found, bearing..... °M from Mast/Plug/Pillar
- A..... set in conc/rock has been placed/found, bearing..... °M from Mast/Plug/Pillar
- A..... set in conc/rock has been placed/found, bearing..... °M from Mast/Plug/Pillar
- A..... set in conc/rock has been placed/found, bearing..... °M from Mast/Plug/Pillar
- Action required: *set top pillar (highest point on hill is rock)*

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

Prepared by: J. K. Myleside Checked: *J. K. Myleside* Noted on U.T.M. Card

STATION TWIN MOUNTAIN GS TS 4485	Current Occupant: Address: Phone:	Owner's Name: Address: Phone:	ACCESS Access Report of 5/8/1976 was found suitable/unusable, except at 1935 Cross Beavry waters (Not Severn River)		Record of Station Date
Beacon Diagram Not to Scale		No change		This section to be completed by officer constructing pillar. Original station mark found/not found. Description of mark: Original beacon found/not found. Description of beacon: Height Top of Vanes to Top Mark m. Height of mark m. above rock/cond m. above G.L. Diameter of Vanes m. Height of Cairn m. Original Beacon has/has not been destroyed by me.	

STATION TWIN MOUNT TS 4485

Owners Name.....
 Current Occupant.....MR. A. J. ANNUMARD
 Address.....Glen Innes
 PH: GLEN INNES.....1111.....

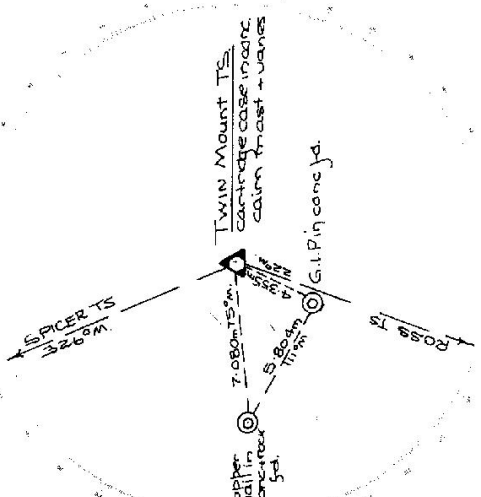
Access 11-6-1975
 5A-8-1976

At the intersection of GALEY + FERGUSON STREETS AT GLEN INNES.
 AT 0.0 miles, At signpost Airport Travel towards Airport

MILEAGE	FEATURE
0-50	CROSS RAILWAY LINE
0-70	AT SIGNPOSTS "EMMAVILLE" "BONSHAW" "AIRPORT"
1-40	TAKE THIS ROAD TO RIGHT
5-80	PASS "BONSHAW ROAD" ON YOUR LEFT
16-40	PASS Aerodrome on your left
*	Through iron gate on your right at mailbox "COOLABAU" RMB 177.
18-40	This gate could be locked Permission to enter Property and
18-50	COOLABAU HMTD. on left follow track
19-90	GIRD. shearing shed on left. follow track with fence on left.
19-30	Take track to left. mine diggings on your left.
19-35	Cross SEVERN River
19-40	Take track to right
19-90	Pass through wood slip rails follow track
20-20	Pass through wood slip rails follow track
21-20	Through fence dam on left.
21-25	Take right fork in tracks.
21-30	Leave main track work your way up side of at gentle ridge to your right to fence.
21-50	work your way down fence to left for about 50 ft. to where fence is down. cross fence follow ridge in a northerly direction to trig at 21:50m

Not to Scale

Station Diagram
 GRID North



List of Observed Directions:-

Station	Direction	Station	Direction
SPICER TS	0° 00' 00"	SPICER TS	090° 00'
G.I. Mast	108° 45' 30"	G.I. Mast	53° 31'
G.I. Pipe in conc. fd.	148° 48' 00"	IRKES TS	228° 58' 41"
ROSS TS	228° 58' 34"	Cu nail in conc. fd.	326° 50' 00"