

GEODETIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing.....  
 Note: Cross out word or words which do not apply  
 from Trig. Mast

2. Mast & Vanes have been painted white & black respectively.

3. The station/~~pillar~~ was ~~re-erected~~ not unpiled/~~erected~~ on ~~rock~~ ~~concrete~~ on ~~19.7.8.~~ 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 below rock/concrete; Mark is.....m. above below G.I.

Height of Top Vanes to Top Mark/Pillar plate.....m. Diameter of Vanes (vertical) 0.990 m.

Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/not found/placed.

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

4. A..... S.S.M. set in conc/~~rock~~ has been ~~placed~~ found, bearing... 33.2 °M from Mast/~~Height~~ 4.63m

5. A..... G.I. Pipe set in conc/~~rock~~ has been ~~placed~~ found, bearing... 126 °M from Mast/~~Height~~ 4.40m

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: 2.1 bags clearing lantana & trees for 3 required lines

STANDPOINT:

Mark Required	Grid Direction	Horiz. Distance	Height Difference	Additional Mark Bearings	Grid Direction	Horiz. Distance	Height Difference
<u>Beams</u>			above standpt.				above standpt.
<u>Martin</u>	<u>2</u>		below	<u>Blairland</u>	<u>30</u>		below
<u>Georges Knob</u>	<u>91</u>		above standpt.	<u>Kookandew.e</u>	<u>88</u>		above standpt.
<u>Clouds</u>	<u>178</u>		below	<u>Toting</u>	<u>224</u>		below
			above standpt.	<u>Grass tree</u>	<u>266</u>		above standpt.
			below	<u>Royal</u>	<u>314</u>		below
			above standpt.				above standpt.
			below				below

Prepared by: J Fenning

Checked: W. J. J. J.

Note: on U.T.M. Card

Checked

STATION: LOFTY TS 6434 No.: 2878

MAP SHEET SCALE 1:250 000 GRAFTON

INSPECTED BY: J Fenning DATE: 18 August 1978

AUTHORITY: CMA FIELD BOOK: 1765

Station Diagram

North

320 330 340 350 360 370 380 390

220 230 240 250 260 270 280 290 300 310

140 150 160 170 180 190 200 210

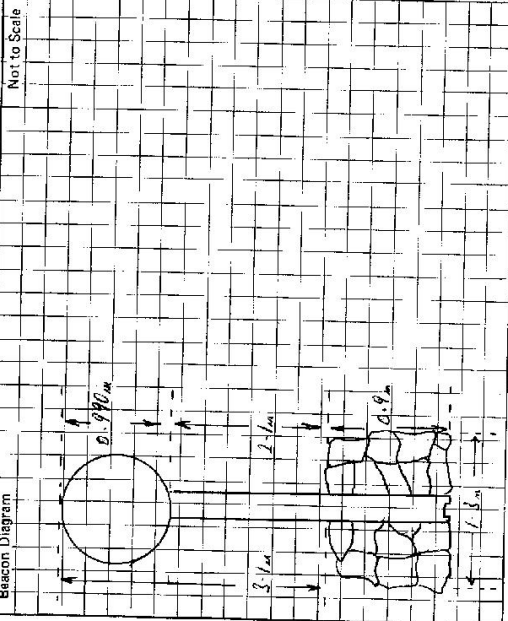
Not to Scale

Trip is surrounded by trees & lantana. 2-3 days to clear

+

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Beacon Diagram



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 G.L.  
.....m. below

Diameter of Vanes .....m. Height of Cairn .....m.

Original Beacon has/has not been destroyed by me.

STATION **LOFTY TS 643A**

Owner's Name: *H. G. Leachmill*  
 Address: *Nymbada*  
 Phone: *Nymbada 991166*

Current Occupant: *Consent to emp.*  
 Address: *clearing & erecting pillar*  
 Phone: .....

ACCESS **4-8-1979**

Access Report of 21.3.1969 was found ~~with~~ ~~in~~ ~~the~~ ~~table~~.

Access

- 0.0 Nymbada Public School Travel south
- 4.0 Turn right onto dirt road Sign Boundary Creek 9
- 4.92 Take road to left
- 6.08 Grid
- 6.50 At blazed trees follow faint track to left Power line access
- 7.0 Cross gully
- 7.7 Gate
- 7.92 Cross gully follow up under power lines
- 9.17 Continue straight up
- 10.0 Stop truck at bend at top of ridge Trig 20m east

Date

Record of Station

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **LOFTY**

TS No: **6434**

MAP SHEET SCALE 1:250 000

INSPECTED BY: **H.C. BORDER**

DATE: **13-10-19**

FIELD BOOK: **1680**

AUTHORITY: **C.M.A**

Description: *Note: Cross out word or words which do not apply*

1. Cleared by lanes bearing..... **343° to 83°**, **154° to 221°**, **254° to 260°**,..... from Trig. **Mast Pillar**  
*300 to 312*
2. Mast & Vanes have been painted white & black respectively.  Former clearance cancelled out **9 11 79**  
*Site New Cleared 300M - 260M*
3. The station/pillar ~~was erected/re-erected/constructed~~ on **22-9-1919**, dimensions now being:

Description of mark: **S/S Pillar** *Plate*, **Steel plug**, **Brass plug**, **Bolt**, **G.I. Pipe**  
Height of mark..... **1.370** m. above ~~rock~~ *concrete*; Mark is **1.510** m. above **G.L.**

Height of Top Vanes to Top Mark/Pillar plate **1.390** m. Diameter of Vanes (vertical) **0.755** m.

Height of Cairn..... m. Diameter of Cairn..... m. Name Plate found/~~not found~~/placed.

Length of Mast **1.470** m. (approximate if not uplied)

4. A..... **S.S.M**..... set in conc/~~rock~~ has been ~~placed~~/found, bearing..... **41** ° M from ~~Mast/Plug~~/Pillar
5. A..... **G.I. PIPE**..... set in conc/~~rock~~ has been ~~placed~~/found, bearing..... **124** ° M from ~~Mast/Plug~~/Pillar
6. A..... **CART. CASE**..... set in conc/~~rock~~ has been ~~placed~~/found, bearing..... **125** ° M from ~~Mast/Plug~~/Pillar
7. A..... set in conc/~~rock~~ has been placed/found, bearing..... ° M from Mast/Plug/Pillar
8. Action required: **Nil**

STANDPOINT: **CONC. PILLAR**

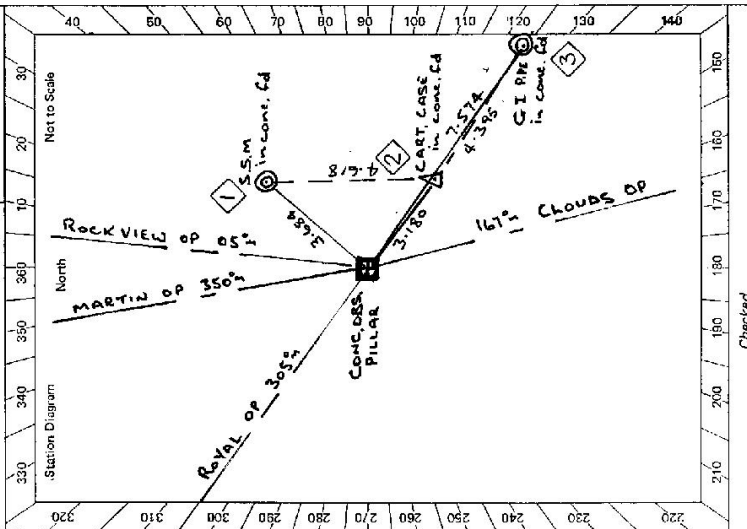
STANDPOINT: **CART. CASE**

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above below				above below
<b>CLOUDS OP</b>	<b>359 59 60</b>		above standpt.	<b>CLOUDS OP</b>	<b>359 59 60</b>		above standpt.
<b>ROYAL OP</b>	<b>136 25 00</b>		above standpt.	<b>ROYAL OP</b>	<b>136 24 10</b>		above standpt.
<b>MARTIN OP</b>	<b>184 15 30</b>		above standpt.	<b>LOFTY OP</b>	<b>139 14 40</b>	<b>3181</b>	above standpt.
<b>S.S.M</b>	<b>235 05 00</b>	<b>3.684</b>	above standpt.	<b>MARTIN OP</b>	<b>184 14 20</b>		above standpt.
<b>G.I. PIPE</b>	<b>318 22 10</b>	<b>7.574</b>	above standpt.	<b>S.S.M</b>	<b>191 48 40</b>	<b>4.618</b>	above standpt.
<b>CART. CASE</b>	<b>319 16 30</b>	<b>3.179</b>	above standpt.	<b>G.I. PIPE</b>	<b>371 43 20</b>	<b>4.395</b>	above standpt.

Prepared by: **H. C. BORDER**

Checked: **Noted on U.T.M. Card**

S: 2733-1



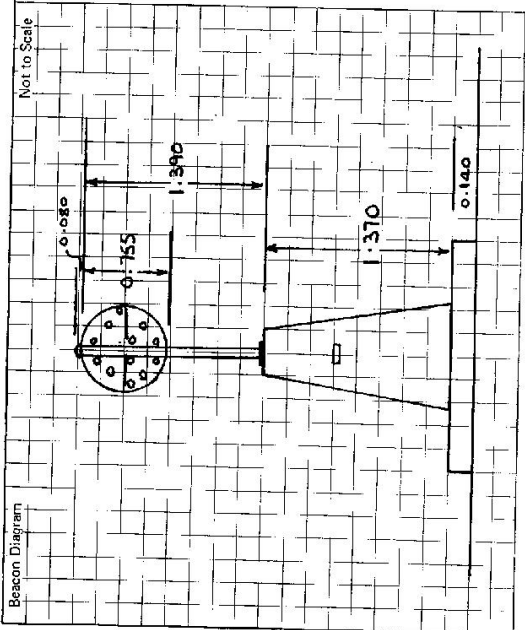
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STATION **LOFTY TS 6434**

Owner's Name: **U G. CARPILLI**  
 Address: **NYMBOIDA**  
 Phone: **NYMBOIDA 494146**

Current Occupant:  
 Address:  
 Phone:  
 ACCESS  
 Access Report of **18/10/79** was found suitable/~~unsuitable~~.

Not to Scale



This section to be completed by officer constructing pillar.

Original station mark found/~~not found~~.  
 Description of mark: **Cairn Case in cons.**  
 Original beacon found/~~not found~~.  
 Description of beacon: **Cairn Mast & Vanes**  
 Height Top of Vanes to Top Mark: **4.230** m.  
 Height of mark: **0.020** m. above ~~mark~~/**0.110** m. below G.L.  
 Diameter of Vanes: **1.010** m. Height of Cairn: **1.100** m.  
 Original Beacon has/~~has not~~ been destroyed by me.

Date

Record of Station

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **LOFTY C.S. (P)** No.: **6434**

MAP SHEET SCALE 1:250 000

INSPECTED BY: **A. GRAHAM** DATE: **16.1.80.**

AUTHORITY: **DEPT. OF LANDS.** FIELD BOOK:

Station Diagram

MAST & VANES REDUCED (SEE OVER)

Checked

Description:

1. Cleared by lanes bearing..... from Trig. Mast

2. Mast & Vanes have been painted white & black respectively.

3. The station/pillar was unpiled/not unpiled/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.....<sup>above</sup> below rock/concrete; Mark is.....<sup>above</sup> below G.L.

Height of Top Vanes to Top Mast/Pillar plate **1.46** m. Diameter of Vanes (vertical)..... **0.75** m.

Height of Cairn..... m. Diameter of Cairn..... m. Name Plate found/not found/placed,

Length of Mast..... m. (approximate 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:.....

STANDPOINT:

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

Prepared by: *[Signature]* 20/2/80. Checked: *[Signature]* 20/2/80. Noted on U.T.M. Card

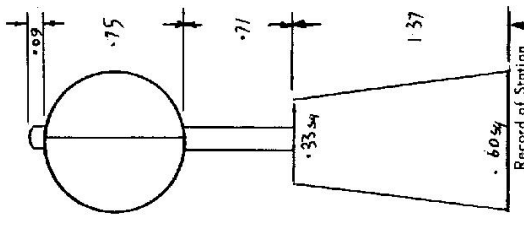
Checked

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<p>STATION <b>LOFTY C.S.(P) TS 6434</b></p> <p>Owner's Name: .....                  Address: .....                  Phone: .....</p> <p>Current Occupant: .....                  Address: .....                  Phone: .....</p> <p>Access Report of ...../19 ..... was found suitable/unsuitable.  <u>ACCESS</u></p>	<p style="text-align: right;">Not to Scale</p> <p>This section to be completed by officer constructing pillar.</p> <p>Original station mark found/not found. ....</p> <p>Description of mark: .....</p> <p>Original beacon found/not found. ....</p> <p>Description of beacon: .....</p> <p>Height Top of Vanes to Top Mark .....m.</p> <p>Height of mark .....m. above rock/conc. ....m. above G.L.                  below .....m. below G.L.</p> <p>Diameter of Vanes .....m. Height of Cairn .....m.</p> <p>Original Beacon has/has not been destroyed by me. ....</p>
	<p>Date</p>
	<p>Record of Station</p>

IS 6434  
 STATION TS 2878 (LOFTY 13)  
 Co: FITZROY  
 Ph: SHANNON  
 Map Sheet NY11801DA  
 No: 9433-111-S  
 Inspected by: P.M. BEATH  
 Date: 16/01/80.  
 Authority: ISB NOLA  
 Field Book: PDP 143A

Beacon Diagram  
 Not to Scale



Date	Record of Station

Department of Lands  
 Reconnaissance and Maintenance Report  
 Integrator: Survey of N.S.W.  
 Note: Cross out word or words which do not apply

This Trig. Station has been:-  
 1. Completely cleared to permit 360° vision to surrounding Trigs.  
 2. Cleared by lanes bearing 300m Trig 2600m 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 pillar~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar
- Height of mark:  m <sup>above</sup> rock, concrete 1.37 m <sup>above</sup> G.L.
- Height of Top Vanes to Top Mark/Top pillar plate: 1.46 m Diameter of Vanes (vertical): 0.75 m.
- Height of Cairn: 1.37 m. Diameter of Cairn: 0.53 x 0.60 m.
- Length of Mast: 1.55 m. (approximate if not unpiled)
- 5. A. ~~SSM~~ set in conc/~~rock~~ has been placed/d 3.686 m. bearing 41 °M from Trig. Mast/pillar
- 6. A. ~~G.I. PIPE~~ set in conc/~~rock~~ has been placed/d 7.573 m. bearing 124 °M from Trig. Mast/pillar
- 7. A. ~~CAST-IRON~~ set in conc/~~rock~~ has been placed/d 3.178 m. bearing 125 °M from Trig. Mast/pillar
- 8. A.  set in conc/rock has been placed/d  m. bearing  °M from Trig. Mast/pillar
- 9. Connection ~~Cast Case~~ to ~~Pillar~~ 3.178 m. bearing 305 °M
- 10. Connection ~~Cast Case~~ to ~~SSM~~ 4.616 m. bearing 357 °M
- 11. Connection ~~Cast Case~~ to ~~G.L.P.~~ 4.386 m. bearing 123 °M
- 12. Connection  to  m. bearing  °M
- 13. Diff. Ht. ~~Pillar/Mast~~ is 1.766 m. <sup>above</sup> ~~below~~  1.1 P
- 14. Diff. Ht.  is 1.875 m. <sup>above</sup> ~~below~~  Cast Case
- 15. Diff. Ht.  is 1.165 m. <sup>above</sup> ~~below~~  SSM
- 16. Diff. Ht.  is  m. <sup>above</sup> ~~below~~

Prepared by: *[Signature]* Checked: *[Signature]* 15.10.08

6434  
STATION TS 2878 (HOFTY [P])

Owners Name: U.A. CARTMILL Current Occupant: OWNER

Address: NYMBOIDA Address:

Pk: 494146

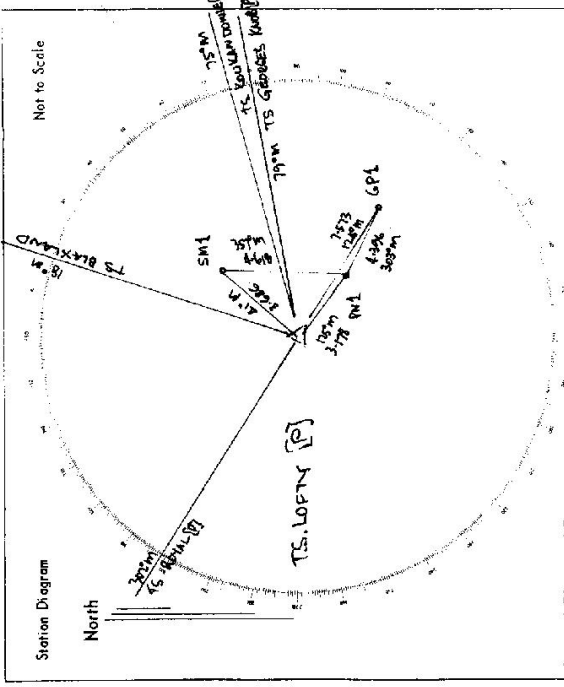
Access 16-01-1980  
00.0 Nymboida Public School, Travel South  
3.65 Conc bridge over Nymboida River  
4.0 Turn right onto gravel road Sign Boundary Creek 9  
4.9 Left turn onto Boundary CK Forest Rd

6.05 Grid  
6.50 Left at Blazed Trees  
6.65 Cross creek  
7.00 Cross gully then left  
7.7 Irongate

7.95 Left fork onto Transmission line  
8.05 Pass left fork, Straight up Transmission line  
8.25 Right off Trans. line

8.35 Left turn  
8.65 Gully  
9.25 Left off T.L.

9.35 Right turn  
9.85 T.S.  
Conventional vehicle access in DIST.



List of Observed Directions:-

Station: Conc. Pillar		Station: Cart Case	
Station	Direction	Station	Direction
TS ROYAL [P]	302° 13' 22.7"	TS GEORCES KNOB [P]	0° 00' 00"
TS BLAKLAND	18° 01' 35.3"	GPI	44° 21' 15"
TS KOURANWOOD [P]	75° 19' 01.9"	TS LOFTY [P]	225° 04' 57"
TS GEORCES KNOB [P]	10° 00' 00"	SMI	278° 28' 25.5"
Calc			
Station	Direction	Station	Direction
GPI	174° 09' 58.6"		
PN1 (Conc Case)	175° 03' 27.6"		
SM1	40° 51' 11.4"		

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