

GEODETIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

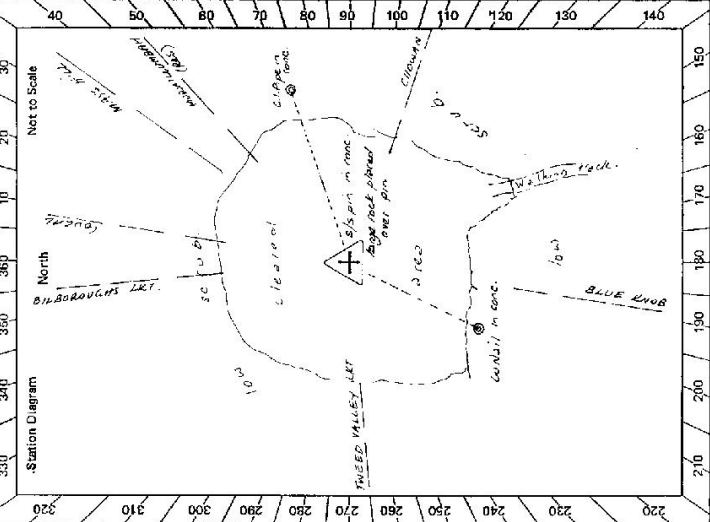
GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **WARRAWING** No.: **5492**

MAP SHEET SCALE 1:250 000 **TWEED HEADS**

INSPECTED BY: **D. KINLYSIDE** DATE: **10-6-80**

AUTHORITY: **C. M. A.** FIELD BOOK: **1870**



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

1. Cleared by lanes bearing 36° from Trig. Mast
2. ~~Mast & Vanes have been painted white & black respectively.~~
3. The station/pillar was ~~unpiled/constructed on~~ 10 dimensions now being 10
- Description of mark ~~4. Trig. pin~~ should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
- Height of mark 0.3 m. ^{above} rock/concrete; Mark is 0.3 m. ^{above} G.L.
- Height of Top Vanes to Top Mark/Pillar plate 0.3 m. Diameter of Vanes (vertical) 0.3 m.
- Height of Cairn 0.3 m. Diameter of Cairn 0.3 m. Name Plate found/not found/placed.
- Length of Mast 0.3 m. (approximate if not unpiled)
4. ~~A. Conc. Mast~~ set in conc/rock has been ~~placed~~/found, bearing 206° M from ~~Mast/Plug/Better~~ $5^\circ 35'$ ^{below}
5. ~~A. G.I. Pipe~~ set in conc/rock has been ~~placed~~/found, bearing 72° M from ~~Mast/Plug/Better~~ $9^\circ 31'$ ^{below}
6. ~~A. Mast~~ set in conc/rock has been placed/found, bearing 0° M from Mast/Plug/Pillar
7. ~~A. Mast~~ set in conc/rock has been placed/found, bearing 0° M from Mast/Plug/Pillar
8. Action required: ~~No clearing required. Placement of trig pin to be carried out at first opportunity.~~

STANDPOINT: Trig Pin.

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
BILBOROUGH L.D.	355° M		above standpt.	SOMERVILLE	NOT ON		above standpt.
COUREL (hill)	8° M		above standpt.				above standpt.
MURWILLUMBIDGI (RES)	47° M		below standpt.				below standpt.
CHOWAN (hill)	109° M		above standpt.				above standpt.
BLUE KNOR G.S.	109° M		below standpt.				below standpt.
TWEED VALLEY L.D.	765° M		above standpt.				above standpt.
MAYE HILL	36° M		below standpt.				below standpt.

Prepared by: **P. Holden** 7-7-80
 Checked: **D. Kinlyside**
 Noted on U.T.M. Card

GS 24

Beacon Diagram	Not to Scale	STATION	WARNING	TS 5492
<p>Owner's Name: <i>Mr. Warrning, N.P.</i> Address: <i>National Parks & Wildlife Service</i> Phone:</p> <p>Current Occupant: Address: Phone:</p> <p style="text-align: center;"><u>ACCESS</u></p> <p><i>000</i> Access Report of <i>10/6/1980</i> was found suitable/unsuitable.</p> <p><i>0.0</i> <i>Murwillumbah P.D. heading south along Brisbane St. S.P. "Tweed Heads, Bellina"</i> <i>0.1</i> <i>Turn Right S.P. "Kyogle, Numbin"</i> <i>0.5</i> <i>Turn Left towards "Numbin Kyogle" S.P.</i> <i>3.3</i> <i>Pass Road on RHS</i> <i>4.3</i> <i>Pass Road on RHS</i> <i>5.3</i> <i>Cross Low Level Bridge</i> <i>9.5</i> <i>Turn Right S.P. "Warrning 7"</i> <i>9.7</i> <i>Bridge</i> <i>9.8</i> <i>Causeway</i> <i>11.1</i> <i>Causeway</i> <i>12.0</i> <i>Causeway</i> <i>15.3</i> <i>End of Road at Breakfast Creek Picnic Area</i> <i>From here follow Summit Walking Trail to trig</i> <i>About 2 hours walk</i></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. above G.L. below G.L.</p> <p>Diameter of Vanesm. Height of Cairnm.</p> <p>Original Beacon has/has not been destroyed by me.</p>				
		<p>Date</p> <p><i>Gay Holloway, O.K. for access etc. N.P. max. drop temporary beacon at trig</i></p> <p><i>by: M. Kingle</i></p> <p><i>Letto dispatched to N.P.'s</i></p>		
		<p>Record of Station</p>		

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

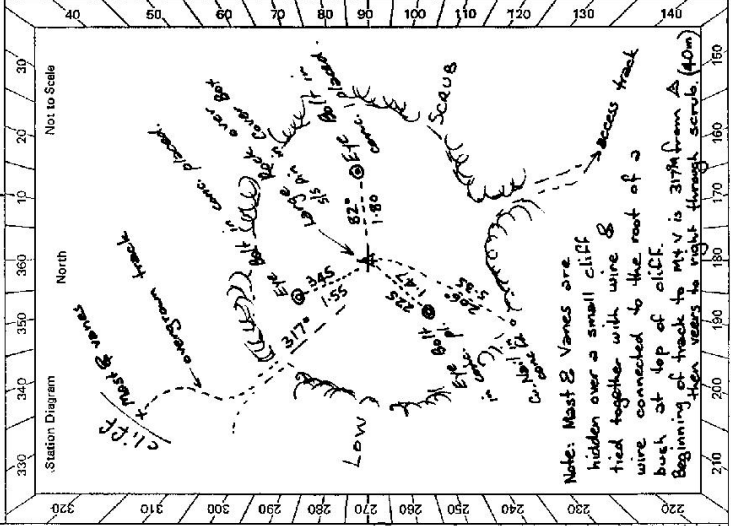
GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **WARNING** NO.: **5492**

MAP SHEET SCALE 1:250 000 **TWEED HEADS (BURLINGBAR)**

INSPECTED BY: **A. Sivertsen** DATE: **11-1-81**

AUTHORITY: **C.M.A.** FIELD BOOK: **-**



- Description:
- Cleared by lanes bearing $0-360^\circ$ with some ~~scrub~~ from Trig. Mast
 - Mast & Vanes have been painted white & black respectively. ✓
 - The station/pillar was unpiled/~~not~~ constructed on $11-1-81$, dimensions now being:
- Description of mark: ~~S/S~~ Pin ^{above} should be explicit, e.g. S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
- Height of mark 0.35 m. below G.L. Mark is 0.35 m. below G.L.
- Height of Top Vanes to Top Mark/Pillar plate 1.15 m. Diameter of Vanes (vertical) 0.05 m.
- Height of Cairn 1.15 m. Diameter of Cairn 0.15 m. Name Plate ~~found~~ placed in Cover Box placed.
- Length of Mast 1.55 m. (approximate if not unpiled)
- A. ~~Cu. Nail~~ set in conc/teak has been placed/round, bearing 205.5° M from Mast/Plug/Pillar at 5.35 m
 - A. ~~Eye Bolt~~ set in conc/teak has been placed/round, bearing 82.0° M from Mast/Plug/Pillar 1.80 m
 - A. ~~Eye Bolt~~ set in conc/teak has been placed/round, bearing 345.0° M from Mast/Plug/Pillar 1.55 m

Action Required:

- Take new short mast (cut for small vanes) - with collar. Original was broken unloading from helicopter.
 - 15 m of tie wire or preferably guye wire to erect beacon.
 - 6 small U-Bolts would be handy for making permanent loops in guye-wire. (More vandal proof than looped tie-wire.)
 - Pliers, compass, tape, wire, PVC tape for sign to stick on mast.
- Phone Ross McKinney Npawus Alstonville (066) 281177 & John Hunter - local ranger at Mt. Warning (see back). He has a supply of C.M.A. signs & wants to know when the mast & vanes have been erected.

Prepared by: **A. Sivertsen** Checked: **U.P. 19/1/81** Noted on U.T.M. Card **Spilletts**

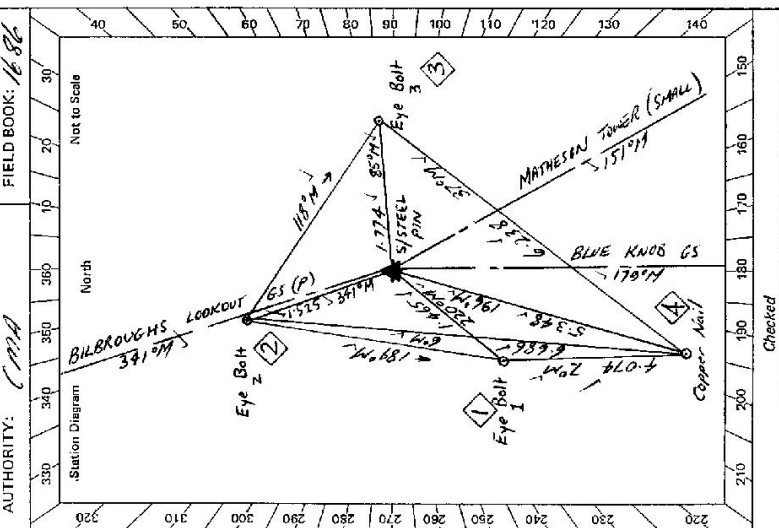
GS24

<p>2733-2 D. West, Government Printer</p> <p>Beacon Diagram</p>	<p>STATION WARNING IS 5492</p>	<p>Owner's Name: NPAWS Address: Alstonville see see Mackinnon Phone: (066) 281177</p> <p>Current Occupant: NEWS RANGER Address: Jaham Hunter "St. Elmo" via Murwillumbah 2484 Contact No: (066) 795239 Phone: (066) 795239 (People down road - leave message)</p> <p>ACCESS Or phone NEWS as he contacts them every few days</p> <p>Access Report of 10/6/1980 was found suitable</p> <p>0.0 MURWILLUMBAH PO 30 south along BRISBANE ST Sign Tweed Hds, Ballina 0.1 Turn R sign Kyogle, Nimbin 0.5 Turn L sign 5.3 Cross low level bridge 9.5 Turn L sign Mt Warning 7 15.3 Parking area. Follow summit walking trail to Δ Abt 2 hrs walk.</p>
		<p>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 Markm.</p> <p>Height of mark.....m. above G.L. below rock/cornice.....m. below G.L.</p> <p>Diameter of Vanesm. Height of Cairnm.</p> <p>Original Beacon has/has not been destroyed by me.</p>
		<p>Date</p> <p>Record of Station</p>

STATION: **WARWING GS** No.: **S492**
 MAP SHEET
 SCALE 1:250 000

INSPECTED BY: **D SHARBOLT** DATE: **15. 4. 81**

AUTHORITY: **CMAA** FIELD BOOK: **1686**



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

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

- Cleared by vanes bearing..... from Trig. Mast
- Mast & Vanes have been painted white & black respectively.
- The station/~~marker~~ was unplied/~~not unplied~~/~~constructed~~ on..... **5-4-19.81**, dimensions now being: Description of mark: **S/STEEL PIN** should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe Height of mark..... **0.228** m. above ~~rock/concrete~~ below G.L. Mark is **0.315** m. above below 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~~. **IN CONCRETE BOX**
- Length of Mast..... m. (approximate if not unplied)
- A. **COPPER MAST** set in conc/~~reek~~ has been ~~placed~~/~~found~~, bearing..... **196** M from Mast/Plug/Pillar
- A. **EYE BOLT 1** set in conc/~~reek~~ has been ~~placed~~/~~found~~, bearing..... **220** M from Mast/Plug/Pillar
- A. **EYE BOLT 2** set in conc/~~reek~~ has been ~~placed~~/~~found~~, bearing..... **341** M from Mast/Plug/Pillar
- A. **EYE BOLT 3** set in conc/~~reek~~ has been ~~placed~~/~~found~~, bearing..... **85** M from Mast/Plug/Pillar
- Action required:.....

STANDPOINT: S/STEEL PIN				STANDPOINT: COPPER MAST			
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
BLUE KNOB GS	0 00 00	17 19 41	0.096	BLUE KNOB GS	0 00 00	1	above standpt.
COPPER MAST	42 49 01	5.347	0.360	BILBOURGH'S LOOKOUT GS (P)	160 58 46	1	above standpt.
EYE BOLT 1	164 51 37	1.465	0.378	EYE BOLT 1	188 27 05	4.074	0.265
EYE BOLT 2	164 51 37	1.525	0.278	EYE BOLT 2	190 19 05	6.686	0.184
BILBOURGH'S LOOKOUT GS (P)	164 57 46	1.774	0.246	S/STEEL PIN	197 20 25	5.350	0.096
EYE BOLT 3	265 11 16	1.774	0.246	EYE BOLT 3	212 37 25	6.238	0.202
MATHESON TOWER (SMALL)	332 50 16	1	above standpt.				above standpt.

Prepared by: **Dec 20** Checked: **30. 4. 81** Noted on U.T.M. Card

GS 24

STATION WARNING GS TS 5492	<p> Owner's Name: N P W S Address: ALSTONVILLE Post: NSW 2800 State: NSW Phone: (0888) 81177 </p> <p> Current Occupant: N P W S RANGER Address: STATION State: NSW Post: 2884 Phone: (066) 79 52 39 (People down road-leave message) (People down road-leave message) (People down road-leave message) </p> <p> ACCESS Access Report of 10/16/1988 was found suitable. </p>														
Beacon Diagram Not to Scale	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Km</th> <th style="width: 90%;">Feature</th> </tr> </thead> <tbody> <tr> <td>0.0</td> <td>MARWILLUMBAH RD. GO SOUTH ALONG BRISBANE ST SIGN TURNED HEADS BULLINA</td> </tr> <tr> <td>0.1</td> <td>TURN RIGHT SIGN KYOGLE NIMBIN</td> </tr> <tr> <td>0.5</td> <td>TURN LEFT SIGN KYOGLE NIMBIN</td> </tr> <tr> <td>5.3</td> <td>CROSS LOW LEVEL BRIDGE</td> </tr> <tr> <td>9.5</td> <td>TURN LEFT SIGN MT. WARNING 7</td> </tr> <tr> <td>15.3</td> <td>PARKING AREA. FOLLOW SUMMIT WALKING TRAIL TO Δ ABC 2 HRS.</td> </tr> </tbody> </table>	Km	Feature	0.0	MARWILLUMBAH RD. GO SOUTH ALONG BRISBANE ST SIGN TURNED HEADS BULLINA	0.1	TURN RIGHT SIGN KYOGLE NIMBIN	0.5	TURN LEFT SIGN KYOGLE NIMBIN	5.3	CROSS LOW LEVEL BRIDGE	9.5	TURN LEFT SIGN MT. WARNING 7	15.3	PARKING AREA. FOLLOW SUMMIT WALKING TRAIL TO Δ ABC 2 HRS.
Km	Feature														
0.0	MARWILLUMBAH RD. GO SOUTH ALONG BRISBANE ST SIGN TURNED HEADS BULLINA														
0.1	TURN RIGHT SIGN KYOGLE NIMBIN														
0.5	TURN LEFT SIGN KYOGLE NIMBIN														
5.3	CROSS LOW LEVEL BRIDGE														
9.5	TURN LEFT SIGN MT. WARNING 7														
15.3	PARKING AREA. FOLLOW SUMMIT WALKING TRAIL TO Δ ABC 2 HRS.														
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 Markm. Height of markm. above G.L. below Diameter of Vanesm. Height of Cairnm. Original Beacon has/has not been destroyed by me.	Date Record of Station														