

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION BROADWATER O.P. 5522

Co: RICHMOND Ph: RILEY
Map Sheet: WOODBURN No: 9539-N
Inspected by: C. BROWN Date: 9th FEB. 1976
Authority: C.M.A. Field Book: 1446

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/~~not-unpiled~~, dimensions now being:

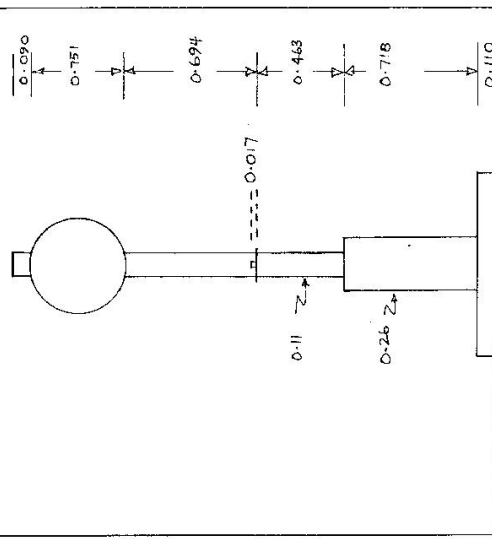
Description of mark... ~~Steel observation pillar~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
Height of mark..... m above rock/concrete pillar plate... 1.29 m above G.L.
Height of Top Vanes to Top PLATE... 1.45 m. Diameter of Vanes (vertical)... 0.751 m.

- 5. An A.S.C. I.S. set in conc/rock has been found... 2.702 m. bearing... 111° 09' M from Trig. Mast PILLAR
- 6. A copper nail set in conc/soil has been found... 2.012 m. bearing... 92° 09' M from Trig. Mast PILLAR
- 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 A.S.C. I.S. to Copper Nail: 2.078 m. bearing... 92° 09' M
- 10. Connection..... to..... m. bearing.....°M
- 11. Connection..... to..... m. bearing.....°M
- 12. Connection..... to..... m. bearing.....°M

13. Diff. Ht. pillar plate is 1.391 m. above ~~below~~ Mast Survey Corps. I.S.
14. Diff. Ht. pillar plate is 1.338 m. above ~~below~~ Copper Nail
15. Diff. Ht. is..... m. above
16. Diff. Ht. is..... m. below

Prepared by: K. Zaleski 20-4-1976 Checked: R. Whiffled 21-4-76 Noted on U.T.M. Card
C.B. 1/76

Beacon Diagram

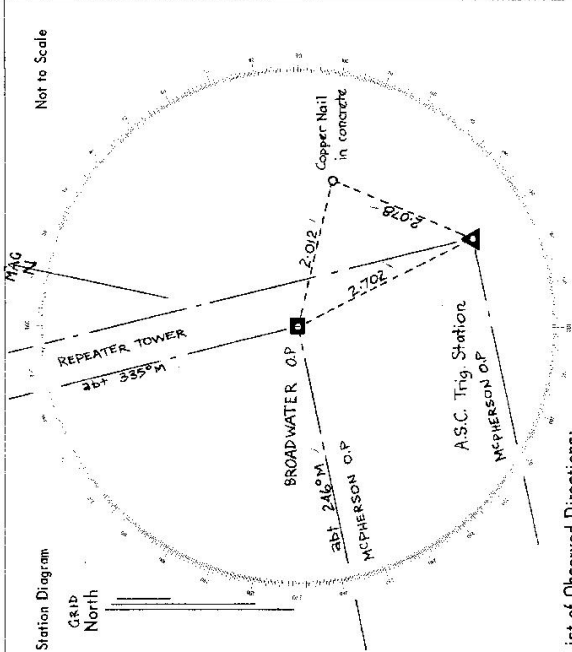


Date	Record of Station

Checked

STATION BROADWATER O.P 5522

Owners Name.....
 Current Occupant.....
 Address.....
 Access 9-2-1976



List of Observed Directions:-

Standpoint: Steel Observation Pillar Standpoint: Australian Survey Corps T.S.

Station	Direction	Station	Direction
MCPHERSON O.P.	359.59.60	MCPHERSON O.P.	359.59.60
Repeater Tower	88.41.30	Pillar. Spigot	75.12
Copper nail in concrete	205.31	Repeater Tower	88.40.41
A.S.C. Trig Station	255.12	Copper nail in concrete	122.47

Station	Direction	Station	Direction

GEODETTIC SURVEY OF H.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **ROAD WATER** No.: **5522**

MAP SHEET SCALE 1:250 000 **MACLEAN**

INSPECTED BY: **D. Kiriyaide** DATE: **19.4.80**

AUTHORITY: **C. M. A.** FIELD BOOK: **1853**

Description: *Note: Cross out word or words which do not apply*
 1. Cleared by lanes bearing $70^{\circ}M$ to $27^{\circ}M$ from Trig. Mast

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

3. The station/pillar was unpiled/net-impiled/constructed on 19 dimensions now being: *Top of P*

Description of mark... *Pillar* 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 1.20 m. *above* G.L.

Height of Top Vanes to *Top* Mark/Pillar plate 1.440 m. Diameter of Vanes (vertical) 0.750 m.

Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/net-found/placed.

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

4. A. *Copied* $N 51^{\circ}$ set in conc/rock has been placed/found, bearing $21^{\circ}M$ from Mast/Plug/Pillar

5. A. *R.A.S.C.* $N 141^{\circ}$ set in conc/rock has been placed/found, bearing $141^{\circ}M$ from Mast/Plug/Pillar

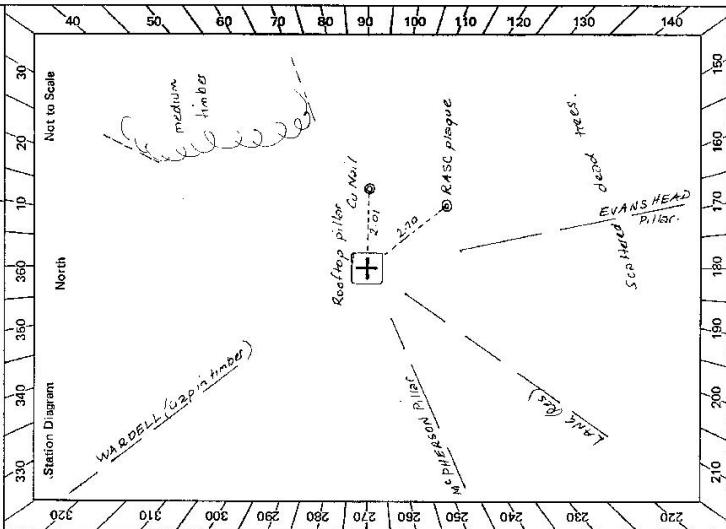
6. A..... set in conc/rock has been placed/found, bearing $^{\circ}M$ from Mast/Plug/Pillar

7. A..... set in conc/rock has been placed/found, bearing $^{\circ}M$ from Mast/Plug/Pillar

8. Action required: *Pillar Mast Vanes need painting. S.A. Align. Balls required.*

STANDPOINT: Pillar				STANDPOINT:			
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
ESSENTIAL							
WARDSELL	$322^{\circ}M$	60 m	above standpt				above standpt
Mc PHERSON Pillar	$247^{\circ}M$		above standpt				above standpt
LANG Res.	$215^{\circ}M$		above standpt				above standpt
EVANS HEAD Pillar	$168^{\circ}M$		above standpt				above standpt
			below				below
			below				below

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



320 310 300 290 280 270 260 250 240 230 220
 330 340 350 360 370 380 390 400
 North
 Not to Scale
 140 130 120 110 100 90 80 70 60 50 40

Checked: *S. Little 19/4/80*

SI 2735-2 D. West, Government Printer

STATION BROADWATER 5522

Beacon Diagram

Not to Scale

Owner's Name: N.S.W. Sugar Milling Co. op.
 Address: Pacific Hwy, Broadwater
 Current Occupant:
 Address:
 Phone:

ACCESS
 Old Access Report of 19/4/1980 was found suitable/unusable.

- 0-0 Broad water P.O travelling south towards Woodburn
- 0-15 Turn LEFT into sugar cone container area
- 0-19 Pass workshops on L.H.S.
- 0-39 Veer LEFT onto track thru cone plantation at pump shed.
- 0-60 Thru wire gate, turn sharp RIGHT and follow drainage gully on LHS
- 0-70 Turn LEFT around drainage gully at trees and head towards old G.I. shed.
- 0-79 Up veer steep track
- 0-81 Pass old G.I. shed on L.H.S.
- 0-87 Veer right up ridge at dead tree.
- 0-98 At Pillar

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. below
 Diameter of Vanes m. Height of Cairn m.
 Original Beacon has/has not been destroyed by me.

Record of Station

Date
 19. 4. 80
 Permission for access and clearing granted by Geog manager

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF M.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing..... *Note: Cross out word or words which do not apply*
32.2m. from Trig. Mast Pillar.

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

3. The ~~station~~/pillar was ~~re-observed~~/constructed on *Feb 1981*..... dimensions now being:
(cylindrical iron)
Description of mark..... *black* should be explicit, e.g. S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark..... *1.66m* ^{above} ~~below~~ *rock/concrete*; ✓ Mark is..... *7.66m* ^{above} ~~below~~ *G.L.*
Height of Top Vanes to Top *Mast/Pillar plate* *1.40m*. Diameter of Vanes (vertical) *7.50m*.

Height of Cairn..... m. Diameter of Cairn..... m. Name Plate ~~found/not found~~/placed,
Length of Mast *5.2m* (approximate if not specified) *11.2m*.

4. A.S.C. Brass *Plug* set in conc/rock has been ~~planned~~/found, bearing..... *330°* ^{11.2m} from Mast/Plug/Pillar

5. A *Copper Nail* set in conc/rock has been ~~planned~~/found, bearing..... *316°* ^{9.6m} from Mast/Plug/Pillar

6. A set in conc/rock has been placed/observed, bearing..... *0°* from Mast/Plug/Pillar

7. A set in conc/rock has been placed/observed, bearing..... *0°* from Mast/Plug/Pillar

8. Action required:.....

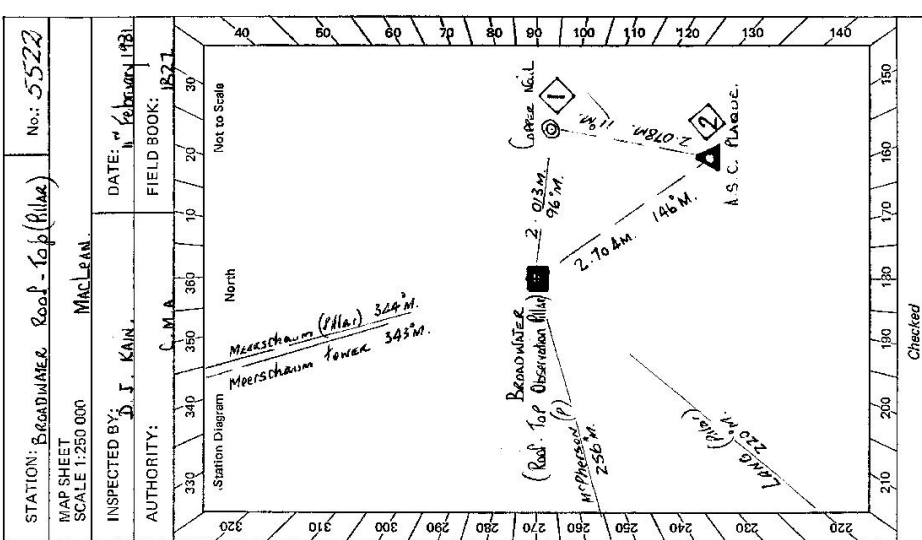
STANDPOINT: *Roof Top Observation Pillar* STATION POINT: *A.S.C. Brass Plate*

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
<i>Meerschaum (Pillar)</i>	<i>0° 00 00</i>		<i>above</i> standpt.	<i>Meerschaum (Pillar)</i>	<i>0° 00 00</i>		<i>above</i> standpt.
<i>Meerschaum (Centre)</i>	<i>357 02 04</i>		<i>above</i> standpt.	<i>Copper Nail</i>	<i>33 09 16</i>	<i>2.478</i>	<i>above</i> standpt.
<i>Copper Nail</i>	<i>115 51 28</i>	<i>2.013</i>	<i>below</i> standpt.	<i>Lane (Pillar)</i>	<i>237 43 50</i>		<i>below</i> standpt.
<i>Brass Plate (Trig)</i>	<i>165 30 39</i>	<i>2.702</i>	<i>above</i> standpt.	<i>MC Peterson (Pillar)</i>	<i>210 21 45</i>		<i>below</i> standpt.
<i>Lane (Pillar)</i>	<i>237 42 16</i>		<i>below</i> standpt.	<i>Conc. obs. Pillar</i>	<i>345 32 38</i>	<i>2.705</i>	<i>above</i> standpt.
<i>MC Peterson (Pillar)</i>	<i>270 20 39</i>		<i>above</i> standpt.	<i>Meerschaum (Centre)</i>	<i>359 02 07</i>		<i>above</i> standpt.
			<i>below</i> standpt.				<i>below</i>

Prepared by: *T. P. L. 9/6/21* Noted on U.T.M. Card

Checked: *T. P. L. 9/6/21*

SI: 2733-1

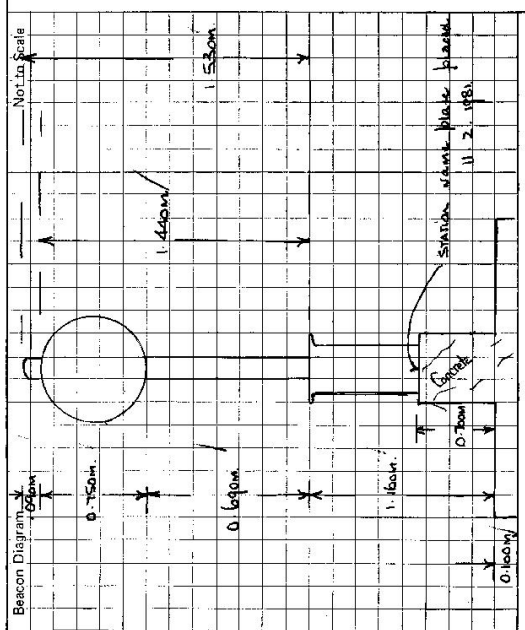


Checked

STATION **BROADWATER (Road - Top observation Pillar)** TS: 5522

Owner's Name: **M.S.M. SURESH Milling Co. Operative.** Current Occupant:
 Address: **Prac. in Highway** Address:
 Phone: **82 2322 (Contact Mr. EARL MAYNARD.)** Phone:
BROADWATER ACCESS

Access Report of **M.A./1984** was found suitable/unsuitable.
FEATURE:
 BROADWATER Post Office, TOWER SOUTH TOWARD WOODBOVEN.
 TURN LEFT INTO SURESH CANE CONTAINER AREA.
 PASS WORKSHOPS ON L.H.S.
 TURN LEFT ONTO TRACK THROUGH CANE PLANTATION AT PUMP SHED.
 TURN LEFT AROUND DRAINAGE GULLY AT TREES AND HEAD TOWARD
 OLD GALVANISED IRON SHED.
 TURN UP STEEP TRACK
 PASS OLD SHED MENTIONED ON YOUR L.H.S.
 TURN RIGHT UP RIDGE AT DEAD TREE.
 BROADWATER ~ ROAD TOP OBSERVATION PILLAR.



This section to be completed by officer constructing pillar.

Original station mark found/~~not found~~.
 Description of mark: **L.S.C. BRASS PILLAR**
 Original beacon ~~found~~/not found.
 Description of beacon: **Gone**
 Height Top of Varies to Top Markm.
 Height of mark **1.1** m. ~~above~~ ~~mark/conc.~~ **100** m. ~~above~~ ~~below~~ G.L.
 Diameter of Variesm. Height of Cairnm.
 Original Beacon ~~found~~/~~not found~~ **Gone**.

Date	Record of Station

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

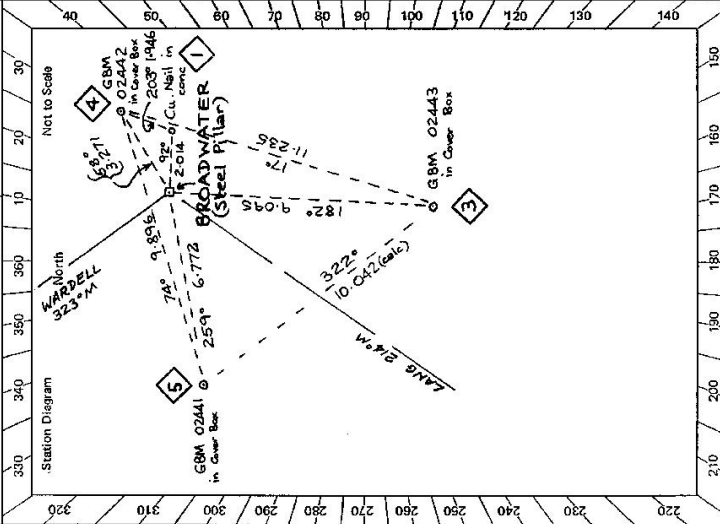
GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **BROADWATER** No.: **5522**

MAP SHEET SCALE 1:250 000 **MACLEAN**

INSPECTED BY: **A. Sivertsen** DATE: **16-12-81**
31-3-82

AUTHORITY: **CMA** FIELD BOOK: **C 15**
C 83



- Description: *Note: Cross out word or words which do not apply*
- Cleared by lanes bearing..... from Trig. Mast
 - Mast & Vanes have been painted white & black respectively.
 - The station/pillar was unpiled/hot unpiled/constructed on..... dimensions now being: **1.19**.....
- 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 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/hot found/placed.
- Length of Mast..... m. (approximate if not unpiled)
- A GBM 02441 (30m to) set in conc/rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
 - A GBM 02442 (20m to) set in conc/rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
 - A GBM 02443 (17m to) 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

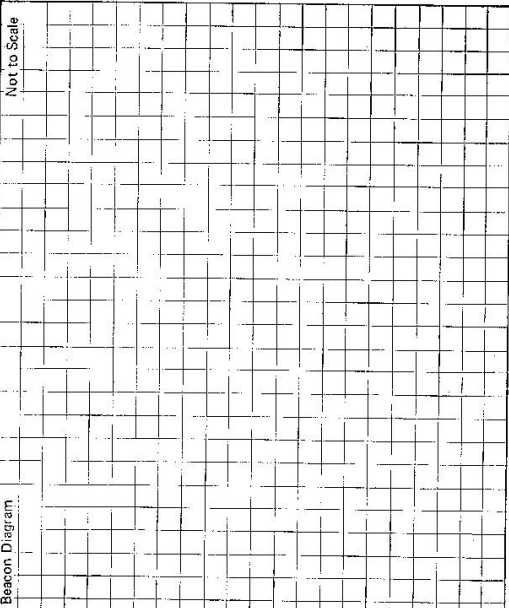
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
LANG	359 59 60		above standpt.	LANG	359 59 60		above standpt.
GBM 02441	45 13 20	6.772	below standpt.	BROADWATER	24 31 00	3.272	above standpt.
WARDDELL	107 32 52		above standpt.	GBM 02441	38 32 20	9.896	below standpt.
GBM 02442	204 37	3.270	below standpt.	WARDDELL	107 30 15		above standpt.
Cu. Nail in conc	238 10	2.014	above standpt.	GBM 02443	342 14 00	11.235	below standpt.
GBM 02443	328 13 00	9.095	below standpt.	Cu. Nail in conc	349 33	1.946	above standpt.

STANDPOINT: **Steel Rooftop Pillar** ✓ **STANDPOINT: GBM 02442 in Cover Box**

Prepared by: **A. Sivertsen** Checked: **[Signature]**
Noted on U.T.M. Card

Checked

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STATION BROADWATER 5522	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; vertical-align: top;"> Owner's Name: Address: Phone: </td> <td style="width: 70%; vertical-align: top;"> Current Occupant: Address: Phone: </td> </tr> <tr> <td colspan="2" style="vertical-align: top;"> <p style="text-align: center;">ACCESS</p> <p>Access Report of 16 12 81 was found suitable/unsuitable. <i>cc: C/A</i></p> </td> </tr> </table>	Owner's Name: Address: Phone:	Current Occupant: Address: Phone:	<p style="text-align: center;">ACCESS</p> <p>Access Report of 16 12 81 was found suitable/unsuitable. <i>cc: C/A</i></p>	
Owner's Name: Address: Phone:	Current Occupant: Address: Phone:				
<p style="text-align: center;">ACCESS</p> <p>Access Report of 16 12 81 was found suitable/unsuitable. <i>cc: C/A</i></p>					
Beacon Diagram Not to Scale					
This section to be completed by officer constructing pillar. Original station mark found/net found. Description of mark: Original beacon found/net found. Description of beacon: Height Top of Vanes to Top Mark.....m. Height of mark.....m, above rock/conc.....m, below G.L. Diameter of Vanesm. Height of Cairnm. Original Beacon has/has not been destroyed by me.					
Date	Record of Station				