

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

CENTRAL MAPPING AUTHORITY  
Department of Lands

STATION MUNDAWA G.S. TS 5555

Co: DURHAM Ph: BROUGHTON

Map Sheet: CAMBERWELL No: 9133

Inspected by: DAVID J. KAIN Date: 18<sup>TH</sup> FEBRUARY 1960

Authority: C.M.A. Field Book: 21400

Beacon Diagram Not to Scale

ORIGINAL STATION MEASUREMENTS BEFORE  
STATION WAS UNPILED

3.660

7.4.08

1.100m  
1.360m  
1.180m  
1.800m

MAST 10M SQUARE  
3.625 TOP OF VANES TO TOP OF PILES  
ST STEEL TRIG PIN 100mm ABOVE CONC AT G.L.  
G.L.

Date

Record of Station

Checked

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

2. Cleared by lanes bearing 358° - 285° M. - 289° 29' M. - 317° M. from Trig. Mast

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

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

Description of mark: STAINLESS STEEL PIN. should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark: 0.035 m above rock/concrete AT m above below G.L.

Height of Top Vanes to Top Mark: 3.625 m. Diameter of Vanes (vertical): 1.100 m.

Height of Cairn: 1.180 m. Diameter of Cairn: 1.800 m.

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

5. ALUMINUM set in conc/rock has been placed 3.152 m. bearing 214° from Trig. Mast ST STEEL TRIG PIN FOUND.

6. A. G.I. PIPE set in conc/soil has been placed 3.148 m. bearing 312° from Trig. Mast ST STEEL TRIG PIN FOUND.

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: m. to m. bearing m.

10. Connection: to to m. bearing m.

11. Connection: to to m. bearing m.

12. Connection: to to m. bearing m.

13. Diff. Ht. is m. above below

14. Diff. Ht. is m. above below

15. Diff. Ht. is m. above below

16. Diff. Ht. is m. above below

Prepared by: Paul Jeff 22/10/16 Noted on U.T.M. Card

Checked:



RECONNAISSANCE and MAINTENANCE REPORT

Department of Lands

STATION MUNDAWA G.S. (PILLAR) 5555

This Trig. Station has been:-

Note: Cross out word or words which do not apply

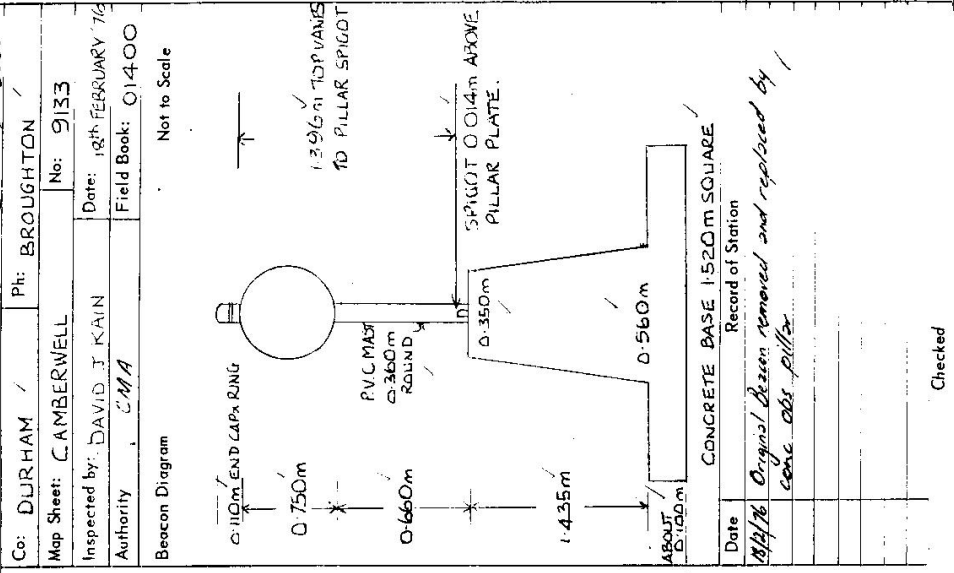
1. ~~Completely cleared to permit 360° vision to surrounding Trig.~~
2. Cleared by lones bearing  $259^{\circ} 49' 00''$  M.  $299^{\circ} 49' 00''$  M.  $312^{\circ} 31' 00''$  M. from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
4. The Trig. was unpiled/~~not unpiled~~, dimensions now being:
  - Original Station Mark found/~~not found~~
  - should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Description of mark... CONCRETE OBS. PILLAR <sup>PILLAR PLATE</sup> <sub>rock/concrete</sub> <sup>1.535</sup> m above <sup>about</sup> G.L.  
 Height of <sup>SPIGOT</sup> ~~mark~~ <sup>above</sup> ~~rock/concrete~~ <sup>1.535</sup> m above <sup>about</sup> G.L.  
 Height of Top Vanes to Top <sup>PILLAR PLATE</sup> ~~Mark~~ <sup>below</sup> ~~1.410~~ m.  
 Height of <sup>PILLAR</sup> ~~Centre~~ <sup>ABOVE CONC.</sup> ~~1.435~~ m. Diameter of <sup>CONC.</sup> ~~Centre~~ <sup>1.520</sup> m.

Length of Mast ..... m. (approximate if not unpiled)  
 5. <sup>FOUND</sup> ~~AS. STEEL PIN~~ <sup>set in conc/rock has been placed</sup> ~~2.317~~ m. bearing  $316^{\circ}$  M.  $0^{\circ}$  M. from Trig. <sup>PILLAR</sup> ~~Mast~~  
 6. <sup>FOUND</sup> ~~ACOPPER NAIL~~ <sup>set in conc/soil has been placed</sup> ~~3.510~~ m. bearing  $252^{\circ}$  M.  $0^{\circ}$  M. from Trig. <sup>PILLAR</sup> ~~Mast~~  
 7. <sup>FOUND</sup> ~~A. G.I. PIPE~~ <sup>set in conc/soil has been placed</sup> ~~5.464~~ m. bearing  $314^{\circ}$  M.  $0^{\circ}$  M. from Trig. <sup>PILLAR</sup> ~~Mast~~  
 8. ~~A.~~ <sup>set in conc/rock has been placed</sup> ..... m. bearing .....  $0^{\circ}$  M. from Trig. Mast

9. Connection <sup>S. STEEL PIN</sup> ~~CONC. PIPE~~ <sup>to G.I. PIPE</sup> ~~3.152~~ m. bearing  $244^{\circ}$  M.  $0^{\circ}$  M.  
 10. Connection <sup>S. STEEL PIN</sup> ~~to G.I. PIPE~~ <sup>3.148</sup> m. bearing  $312^{\circ}$  M.  $0^{\circ}$  M.  
 11. Connection <sup>G.I. Pipe</sup> ~~to Copper nail~~ <sup>4.773</sup> m. bearing  $172^{\circ}$  M.  $0^{\circ}$  M.  
 12. Connection ..... to ..... m. bearing .....  $0^{\circ}$  M.  
 13. Diff. Hi. <sup>PILLAR PLATE</sup> ~~is 1.812~~ m. <sup>above</sup> ~~below~~ <sup>STAINLESS STEEL TRIG PIN</sup>  
 14. Diff. Hi. <sup>PILLAR PLATE</sup> ~~is 1.521~~ m. <sup>above</sup> ~~below~~ <sup>G.I. PIPE</sup>  
 15. Diff. Hi. <sup>PILLAR PLATE</sup> ~~is 1.567~~ m. <sup>above</sup> ~~below~~ <sup>COPPER NAIL</sup>  
 16. Diff. Hi. ..... is ..... m. <sup>above</sup> ~~below~~ .....

Prepared by: Alan Woodroffe, Checked: *[Signature]* Noted on U.T.M. Card



G.L.

Date	Record of Station
18/11/76	Original Station removed and replaced by same obs pillar

Checked

STATION MUNDAWA G.S (PILLAR) IS 5559

Owners Name: MR. M. B. HAMILTON.

Address: "SPRINGWOOD"

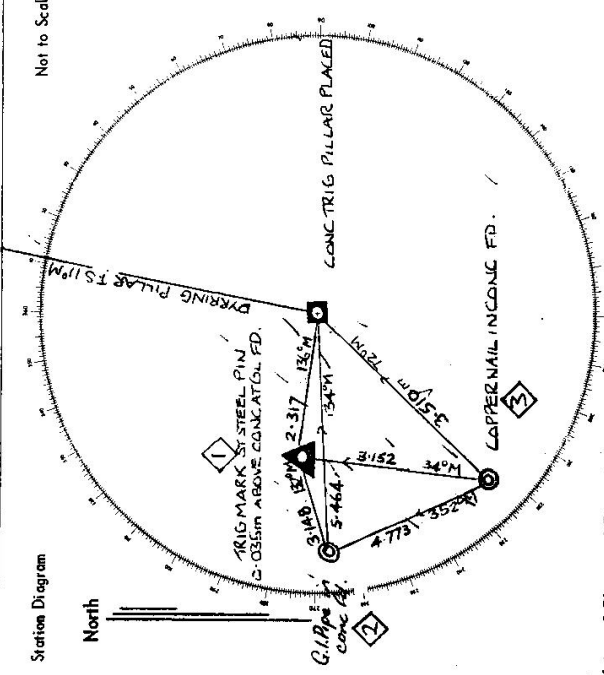
Phone: Mt Olive S

Access: 18-2-1976

Not to Scale

Station Diagram

North



List of Observed Directions:-

Standpoint: CONCRETE PILLAR PLACED		ST. STEEL TRIG PIN.	
Station	Direction	Station	Direction
DYRRING G.S (Pillar)	00° 00' 00"	DYRRING G.S (Pillar)	00° 00' 00"
STEEL TRIG PIN	304° 54' 50"	CONC. TRIG PILLAR	294° 54' 50"
G.I. PIPE	302° 58' 50"	COPPER NAIL	293° 08' 20"
COPPER NAIL	243° 21' 00"	G.I. PIPE	301° 34' 30"
Copper nail in conc rd.		G.I. Pipe in conc Road.	
DYRRING G.S (Pillar)	0° 00' 00"	DYRRING G.S (Pillar)	0° 00' 00"
G.I. Pipe in conc rd.	302° 20' 40"	Steel Trig Pin	121° 32' 10"
Conc. Obs. Pillar	63° 14' 40"	Conc. Obs. Pillar	122° 57' 30"
Steel Trig Pin	23° 04' 20"	Copper nail in conc rd.	160° 20' 00"

Current Occupant:

Address:

ACCESS TO MUNDAWA (PILLAR) IS

AT SINGLETON POST OFFICE AT 0.0 MILES VIA MUSWELLBROOK ROAD TOWARD MUSWELLBROOK.

MILEAGE

0.40

0.70

0.80

9.90

11.60

FEATURE

CROSS BRIDGE OVER HUNTER RIVER ✓

TAKE SEALED ROAD TO RIGHT, SIGNS "GOORANGOOOLA", "CARROWBROOK", "GOORANGOOOLA ROAD." ✓

TAKE GRAVEL LANE OFF TO YOUR RIGHT, NAME ON MAIL BOX MICK JONES. ✓

(THIS LANE IS ALSO OPPOSITE LANE OFF TO YOUR LEFT

PASS HOUSE ON YOUR RIGHT. ✓

TRIG PILLAR ON NORTHERN SIDE OF FENCE. ✓

THIS STATION IS OF VERY EASY ACCESS AND IN DRY WEATHER COULD BE DRIVEN TO BY STATION SEDAN TYPE VEHICLE. ✓

TW

725 002

Department of Lands

Integral survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT 3267

STATION **MUNDWUJAH (1)** TS **5555**

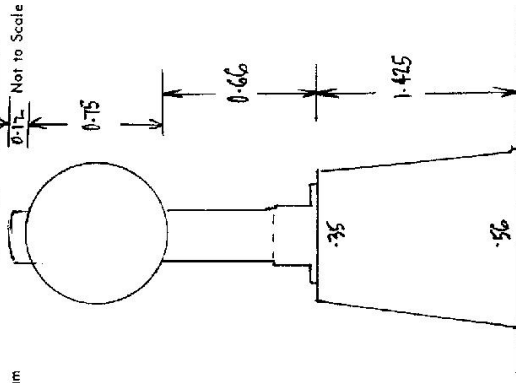
This Trig. Station has been:-

Note: Cross out word or words which do not apply

Co: **Durham** Ph: **Broughton**

Map Sheet: **Combe/wall** No: **0133-S**  
 Inspected by: **P. McBRATH** Date: **13.7.76**  
 Authority: **I.S.D. NICLE** Field Book: **PP741**

Beacon Diagram Not to Scale



Date	Record of Station
Feb 76	Pillar erected

1. Completely cleared to permit 360° vision to surrounding Trigs. ✓
2. Cleared by fane-bearing ✓ from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
4. The Trig. was unpiled/~~replaced~~, dimensions now being:
  - Description of mark: **concrete pillar** should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar
  - Height of ~~mark~~ <sup>above</sup> ~~rock~~ <sup>concrete</sup> ~~base~~ <sup>G.L.</sup> ~~below~~ **1.425** m
  - Height of Top Vanes to Top Mark/Top pillar plate **1.41** m Diameter of Vanes (vertical) **0.75** m.
  - Height of Cairn **1.415** m. Diameter of Cairn **35/56** m.
  - Length of Mast **1.53** m. (approximate if not unpiled)
5. A **C.S.** set in conc/~~rock~~ has been placed/rd **3.504** m. bearing **251**°M from Trig. ~~Mast~~/pillar
6. A **GIP** set in conc/~~rock~~ has been placed/rd **5.461** m. bearing **217**°M from Trig. ~~Mast~~/pillar
7. A **S.S. Pin** set in conc/~~rock~~ has been placed/rd **2.38** m. bearing **313**°M from Trig. ~~Mast~~/pillar
8. A set in conc/~~rock~~ has been placed/rd  m. bearing °M from Trig. Mast/pillar
9. Connection **S.S. Pin** to **C.S.** **3.146** m. bearing **217**°M
10. Connection **S.S. Pin** to **GIP** **3.148** m. bearing **311**°M
11. Connection  to   m. bearing °M
12. Connection  to   m. bearing °M
13. Diff. Ht. **Pillar Mark** is **1.566** m. <sup>above</sup> **C.S.** ~~below~~
14. Diff. Ht. **Pillar Mark** is **1.810** m. <sup>above</sup> **S.S. Pin** ~~below~~
15. Diff. Ht. **Pillar Mark** is **1.577** m. <sup>above</sup> **GIP** ~~below~~
16. Diff. Ht.  is  m. <sup>above</sup>  ~~below~~

Prepared by: **A. C. GIBSON** Checked: **Alan Burrows**

STATION MUNDAM 7 (V) TS 5555

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

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

Access 13-7-1976

Km. 7.4

road -  
"Dunnally Bridge" at Singleton - (New England Highway over Hunter River)

Winton St.  
Turn Right at Goorangoola Rd.

Turn Right onto Gravel road.

Just Left.

Tregon L.H.S.

0-7

0-45

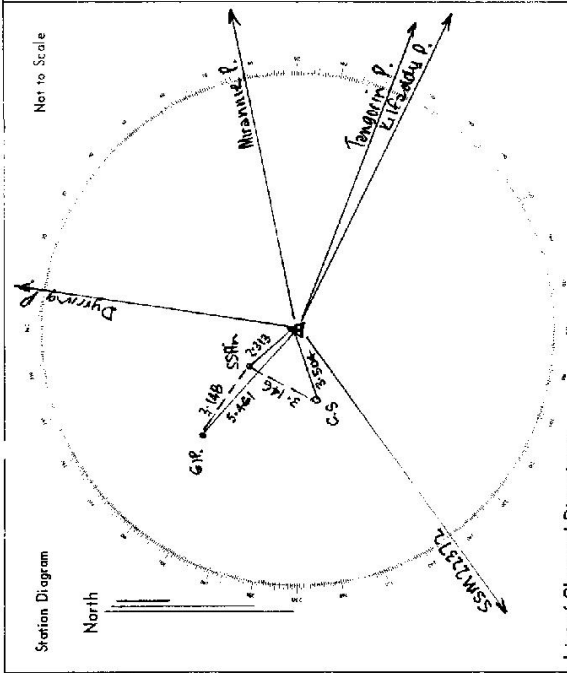
13-30

15-15

17-9

been by 2 wheel drive vehicle in dry conditions

D. West, Government Printer, New South Wales - 1976



List of Observed Directions:-

Standpoint: Riber Phale		Standpoint: S.S. Pin	
Station	Direction	Station	Direction
Durrig P.	118° 00'	Kilbuck P.	0° 00'
Miramite P.	168° 10'	Riber Phale	172° 28'
Tregon P.	162° 44'	C.S.	95° 28'
Kilbuck P.	101° 26'	SSM 22372	114° 46'
SSM 22372	225° 14'	G.P.	194° 07'
C.S.	243° 21'		
G.P.	302° 59'		
S.S. Pin	304° 56'		

This Trig. Station has been:-

1. Completely cleared to permit 240° vision to surrounding Trig.
2. Cleared by lanes bearing 250° - 285° M. - 289° - 292° M. - 312° - 320° M. from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓

4. The Trig. was unpiled/not unpiled, dimensions now being: Original Station Mark found/not found should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Description of mark..... m above below rock/concrete ..... m above below G.L.  
Height of Top Vanes to Top Mark..... m. Diameter of Cairn..... m.  
Height of Cairn..... m. Diameter of Cairn..... m.

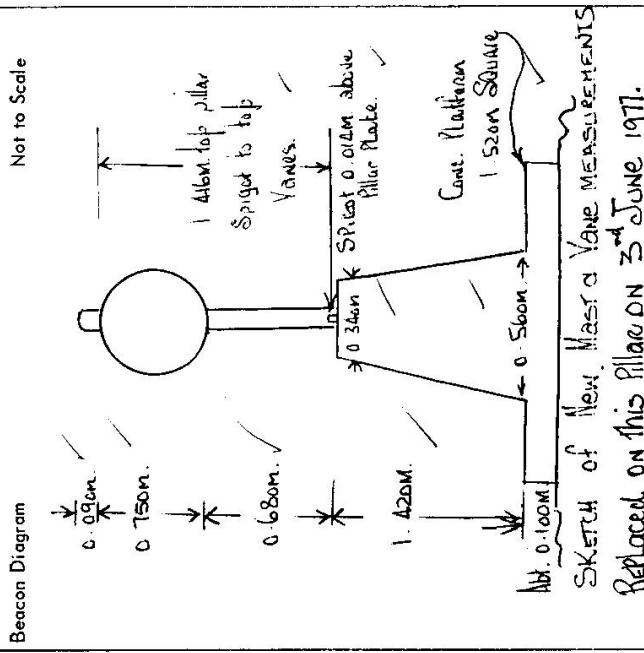
Length of Mast..... m. (approximate if not unpiled) ✓  
Stainless Steel Pipe in Conc. Wall of G.I. Pipe were placed in concrete. ✓

5. A..... set in conc./rock has been placed..... m. bearing.....°M from Trig. Mast
6. A..... set in conc./soil has been placed..... m. bearing.....°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..... to..... m. bearing.....°M
10. Connection..... to..... m. bearing.....°M
11. Connection..... to..... m. bearing.....°M
12. Connection..... to..... m. bearing.....°M
13. Diff. Ht. .... is..... m. above below
14. Diff. Ht. .... is..... m. above below
15. Diff. Ht. .... is..... m. above below
16. Diff. Ht. .... is..... m. above below

Prepared by: \_\_\_\_\_ Checked: \_\_\_\_\_  
Noted on U.T.M. Card

STATION MUNDAWA (PILLAR) G.S. 5555  
Co: DURHAM Ph: BROUGHTON  
Map Sheet: CAMBERWELL No: 9133  
Inspected by: DAVID J KAIN Date: 3<sup>rd</sup> JUNE 1977  
Authority: C.M.A. Field Book: 01380



SKETCH OF NEW MAST AND VANE MEASUREMENTS  
REPLACED ON THIS PILLAR ON 3<sup>rd</sup> JUNE 1977.

Date	Record of Station

Checked





GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing. *Note: Cross out word or words which do not apply*  
 1. ~~EXAMINATION~~ *Sight Lines*  
 2. Mast & Vanes have been painted white & black respectively. *Mast & Vanes were repainted*  
 3. The station/pillar was ~~replaced~~ *replaced* on 19.07.19. Dimensions now being: *19.07.19. Dimensions now being: 19.07.19. Dimensions now being:*  
 Description of mark: *Steel cap screws to top of pillar plate. Steel plug, Brass plug, Bolt, G.I. Pipe*  
 Height of mark: *4.20 m*  
 Height of Top Vanes to Top Mast/Pillar plate: *3.90 m*  
 Diameter of Vanes (vertical): *1.0 m*  
 Diameter of Cairn: *0.15 m*  
 Length of Mast: *4.90 m*  
*Note: Original Mast found broken, holes are new measurements. See also. Geomatic Station Mundawla.*  
 4. A. *Copper Nail* set in conc/rock has been placed/found, bearing: *238° M* from Mast/Plug/Pillar  
 5. A. *G.I. pipe* set in conc/rock has been placed/found, bearing: *317° 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
			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:

Checked on U.T.M. Card

6t 2738-1

STATION: **MUNDAWA (Pillar)** No: **5555**  
 MAP SHEET SCALE 1:250 000 *Single bn.*  
 INSPECTED BY: **D.J. KOLA** DATE: **1 April 1974**  
 AUTHORITY: **C.M.A.** FIELD BOOK: **1673**

Station Diagram: *North*  
 Not to Scale

STATION <b>Mundawin (Pillar) IS 5555</b>	Owner's Name: ..... Address: ..... Phone: .....  Current Occupant: ..... Address: ..... Phone: .....  ACCESS Access Report of ...../19.....was found suitable/unavailable.
Beacon Diagram Not to Scale <p>                     New Measurements: 1.20m, 1.42m, 1.42m                      Mast Replaced                      Original Vanes 0.604m                      Replaced                      See Below                      0.604m                      1.42m                      Note: Original Mast Measurements below Top Vanes to Top Pillar plate 1.42m                      Length Mast 1.52m                      This section to be completed by officer constructing pillar.                 </p>	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 rock/conc.....m. Diameter of Vanes.....m. Height of Cairn.....m. Original Beacon has/has not been destroyed by me.
Date	Record of Station