

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 limes bearing..... 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: Brass Plug in concrete should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark..... m ^{above} / _{below} rock/concrete m ^{above} / _{below} G.L.
 Height of Top Vanes to Top Mark..... m. Diameter of Vanes (vertical)..... m.
 Height of Cairn..... m. Diameter of Cairn..... m.

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

- 5. A Iron Bolt set in ~~stone~~/rock has been placed... 19.866 m. bearing... 215° 0M from Trig. Mast
- 6. A Iron Bolt set in ~~stone~~/soil has been placed... 22.184 m. bearing... 19° 0M from Trig. Mast
- 7. A Iron Bolt set in ~~stone~~/soil has been placed... 11.217 m. bearing... 196° 0M from Trig. Mast
- 8. A..... set in conc/rock has been placed..... m. bearing..... 0M from Trig. Mast
- 9. Connection Iron Bolt to Iron Bolt: 32.496 m. bearing... 12° 0M
- 10. Connection Iron Bolt to Iron Bolt: 17.942 m. bearing... 71° 0M
- 11. Connection..... to..... m. bearing..... 0M
- 12. Connection..... to..... m. bearing..... 0M
- 13. Diff. Ht. Iron Bolt in Rock is 0.220 m. ^{above} / _{below} Trig. Plug
- 14. Diff. Ht. Iron Bolt in Rock is 0.480 m. ^{above} / _{below} Trig. Plug
- 15. Diff. Ht. Iron Bolt in Rock is 0.035 m. ^{above} / _{below} Trig. Plug
- 16. Diff. Ht. is m. ^{above} / _{below}

C.B. 20/11/76

Noted on U.T.M. Card

Prepared by: C. J. Bennett Checked:

STATION SOUTHEND T.S. 4134

Co: CUMBERLAND | Ph: WEDDERBURN

Map Sheet: WOLLONGONG SOUTH | No: 9029 - S

Inspected by: C. J. BROWN | Date: 5th June, 1975.

Authority: C. M. A. | Field Book: 1382

Beacon Diagram: Not to Scale

Date	Record of Station

Checked

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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 unplied/not unplied~~, dimensions ~~now being~~ Pillar ~~Original Station Mark found best for~~

Description of mark: ~~Concrete Observation Pillar~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark: m ^{above} rock/concrete ~~Pillar~~ ^{above} G.L. ~~1.69~~

Height of Top Vanes to Top Mark: ~~4.35~~ m. Diameter of Vanes (vertical): ~~0.914~~ m.

Height of Cairn: m. Diameter of Cairn: m.

Length of Mast: ~~2.164~~ m. (approximate if not unplied)

5. A ~~Iron Bolt A~~ set in ~~conc/rock~~ has been placed: ~~10.965~~ m. bearing ~~215~~ °M from Trig. Mast

6. A ~~Iron Bolt A~~ set in ~~conc/rock~~ has been placed: ~~22.189~~ m. bearing ~~19~~ °M from Trig. Mast

7. A ~~Iron Bolt C~~ set in ~~conc/rock~~ has been placed: ~~11.218~~ m. bearing ~~106~~ °M from Trig. Mast

8. A set in ~~conc/rock~~ has been placed: m. bearing °M from Trig. Mast

9. Connection ~~Iron Bolt A to Iron Bolt B~~: ~~32.497~~ m. bearing ~~12~~ °M

10. Connection ~~Iron Bolt A to Iron Bolt C~~: ~~17.942~~ m. bearing ~~71~~ °M

11. Connection to m. bearing °M

12. Connection to m. bearing °M

13. Diff. Ht. ~~Iron Bolt in Rock A~~ is ~~1.370~~ m. ^{above} ~~Pillar Plate~~

14. Diff. Ht. ~~Iron Bolt in Rock A~~ is ~~2.075~~ m. ^{below} ~~Pillar Plate~~

15. Diff. Ht. ~~Iron Bolt in Rock C~~ is ~~1.555~~ m. ^{below} ~~Pillar Plate~~

16. Diff. Ht. is m. ^{above} ~~Pillar Plate~~

Prepared by: *C. J. Brown* Checked: _____

Noted on U.T.M. Card

STATION SOUTHEND O.P. TS 4134

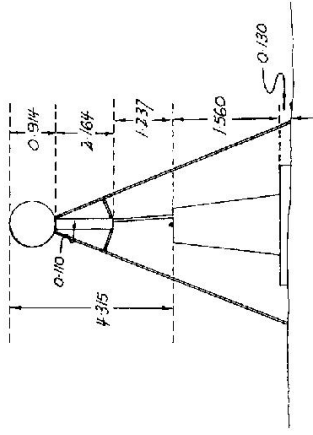
Co: CUMBERLAND Ph: WEDDERBURN

Map Sheet: WOLLONGONG SOUTH No: 9029 - S

Inspected by: C. J. BROWN Date: 12th June, 1975

Authority: C. M. A. Field Book: 1451

Beacon Diagram Not to Scale



Date	Record of Station

Checked

O.B. 21/11/76
SENIOR TRIGONOMETRICAL SURVEYOR

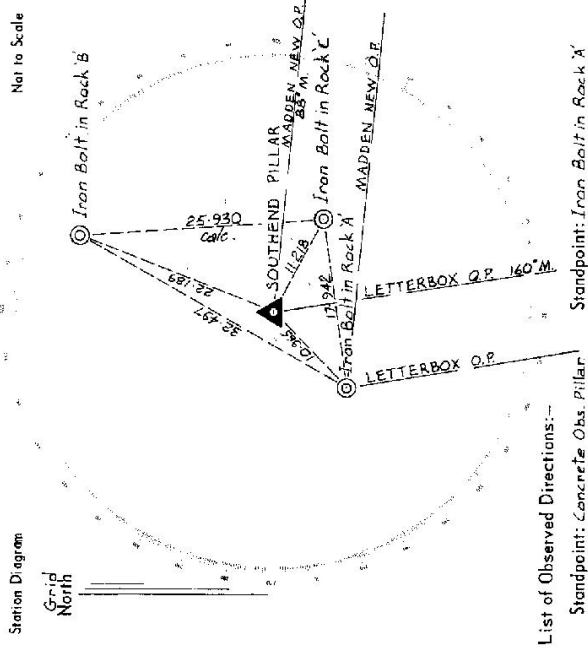
STATION SOUTHEND O.P. TS 4134

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

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

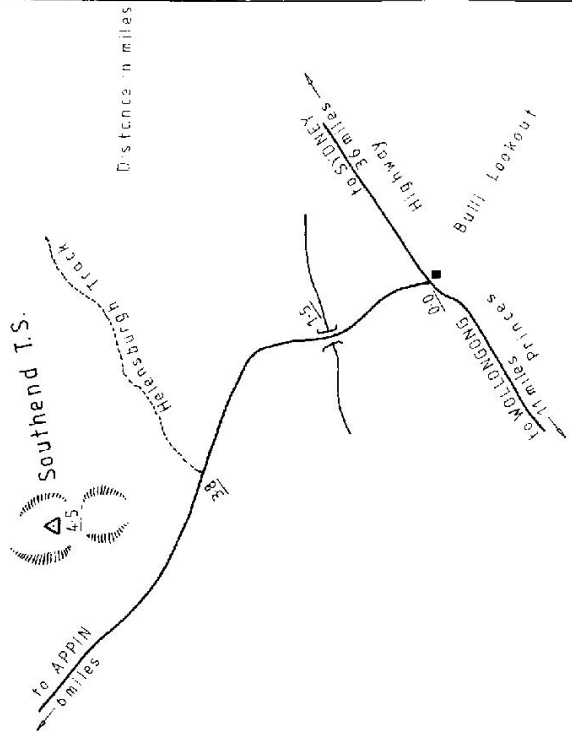
Access 12-13 - June - 1975

Not to Scale



List of Observed Directions:-

Standpoint: Concrete Obs. Pillar		Standpoint: Iron Bolt in Rock A'	
Station	Direction	Station	Direction
LETTERBOX Q.P.	359 .59 .60	LETTERBOX Q.P.	359 .59 .60
Iron Bolt in Rock A'	54 .31 .40	Iron Bolt in Rock B'	218 .36 .50
Iron Bolt in Rock B'	210 .18 .20	Pillar Spigot	234 .52 .20
MADDEN NEW O.P.	283 .55 .17	Iron Bolt in Rock C'	271 .22 .20
Iron Bolt in Rock C'	306 .34 .00	MADDEN NEW O.P.	1284 .11 .46



Distance in miles

SI 2733-2 D. West. Government Printer

Beacon Diagram	North to Scale
<p>STATION SOUTHEND (P) 4134</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 Vane to Top Mark:m.</p>	
<p>Height of mark:m. ^{above} rock/concm. ^{above} G.L. _{below}</p>	
<p>Diameter of Vane:m. Height of Cairn:m.</p>	
<p>Original Beacon has/has not been destroyed by me.</p>	
<p>Owner's Name: <u>SYDNEY WATER</u></p> <p>Address: <u>CORDEAUX DAM</u></p> <p><u>FICTION ROAD</u></p> <p>Phone: <u>AG 401 000</u></p> <p><u>ROSS WALLIS OPERATION MANAGER</u></p> <p>Fax: <u>0246 401 006</u> ACCESS</p> <p>Access Report of:/18..... was found suitable/unavailable.</p> <p><u>JULY 2000</u></p>	
<p>4134 Southend (P)</p> <p>On the Appin Bulli Road about 4 Km west of Loddon Creek</p> <p>About 200 metres past sign Wallondilly Shire</p> <p>Turn right through locked gate (Sydney water key)</p> <p>Sign North Cliff Colliery rd & Dharawal state recreation area</p> <p>Left up old track then 1 min walk south to trig</p>	
<p>0.00</p>	
<p>1.0</p>	
<p>INSPECTED BY: <u>G. FORD</u> DATE: <u>13/7/00</u></p>	
<p>Date</p>	
<p>Record of Station</p>	
<p>Cleared by James Bearing. <u>NEED CLEARING</u> <u>OK</u> from Trig. Mast.</p> <p><u>ACCESS ONLY</u></p>	