

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 trig.~~
 2. Cleared by lanes bearing $0^{\circ} 11' 20''$ to $70^{\circ} 11' 40''$ M. 2.65 M. 2.78 M. 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 S.S. Trig. Pin in conc., should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
- Height of mark..... 0.15 m above ~~.....~~ concrete ~~.....~~ 0.10 m above G.L.
- Height of Top Vanes to Top Mark 3.68 S. m. Diameter of Vanes (vertical) 1.00 m.
- Height of Cairn 1.2 m. Diameter of Cairn 1.5 m.

- Length of Mast 3.700 m. (approximate if not unpiled)
5. A G.I. Pipe set in conc/~~rock~~ has been placed 4.65 S. m. bearing 190° from Trig. Mast
 6. A G.I. Pipe (H) set in conc/~~rock~~ has been placed 17.99 S. m. bearing 270° from Trig. Mast
 7. A Cc. Nail set in conc/~~rock~~ has been placed 4.76 S. m. bearing 269° from Trig. Mast
 8. A..... set in conc/rock has been placed..... m. bearing..... $^{\circ}$ from Trig. Mast
 9. Connection G.I.P. to Cc. Nail : 5.94 m. bearing 320° M
 10. Connection..... to..... m. bearing..... $^{\circ}$ M
 11. Connection..... to..... m. bearing..... $^{\circ}$ M
 12. Connection..... to..... m. bearing..... $^{\circ}$ M
 13. Diff. Ht. S.S. Trig. Pin is 0.68 m. above Cc. Nail in conc. ✓
 14. Diff. Ht. S.S. Trig. Pin is 0.92 m. above G.I.P. in conc. ✓
 15. Diff. Ht. S.S. Trig. Pin is 1.45 m. above G.I.P. (H) in conc. ✓
 16. Diff. Ht. Cc. Nail is 1.40 m. above G.I.P. (H) in conc. ✓

Prepared by: D. FREDRIKSEN

Checked:

Noted on U.T.M. Card

Checked

STATION GRAVESEND T.S. 7186

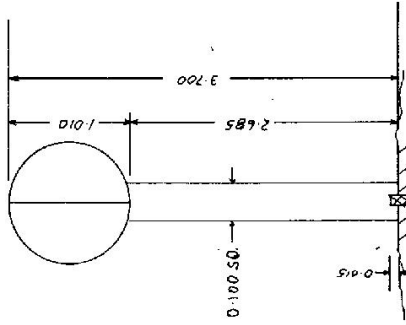
Co: BURNETT | Ph: GRAVESEND

Map Sheet: GRAVESEND | No: 8938

Inspected by: D. FREDRIKSEN | Date: 27/10/75

Authority: C.M.A. 66/72. | Field Book: 1448 / 1475

Beacon Diagram | Not to Scale



Date

23/9/75 | Station constructed by D. Mitchell
16/5/72 | Beacon left unchanged by D. Fredrikson

Record of Station

STATION GRAVESEND T.S. 7186

Owners Name: Mrs. Quinn, and son David Current Occupant:

Address: Gravesend Address:

Access 27-10-1975

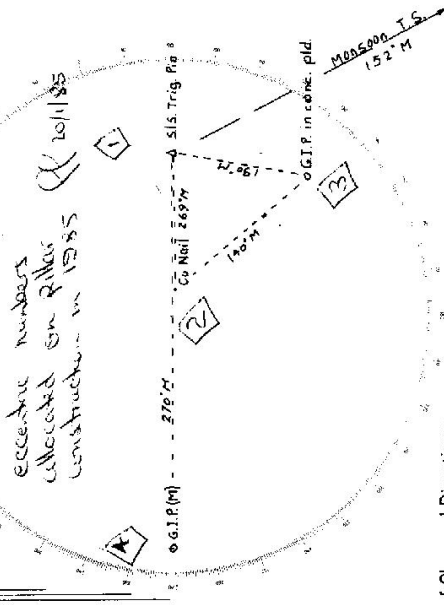
FEATURE

- 0-0 GRAVESEND R.O. heading West
- 0-2 Owners house on left, stay on highway
- 2-B Bridge
- 4-1 Turn RIGHT off road cross railway line
- 4-5 Year RIGHT before cattle yards
- 4-9 Through iron gate, Head N.E. to saddle in hill, drive along East side of spur
- 5-9 Under Trig. walk to top of hill then 200m in easterly direction to Trig. 5 min. walk.

Not to Scale

Station Diagram

North



List of Observed Directions:-

Standpoint: S/S Trig. P/n.

Standpoint: G.I.P. in conc. pld.

Station	Direction	Station	Direction
MONSOON T.S.	0° 00' 00"	MONSOON T.S.	0° 00' 00"
G.I.P. in conc. pld.	39° 29'	G.I.P. (M) in conc. pld.	119° 19' 08"
Cu Nail in conc. pld.	117° 14'	Cu Nail in conc. pld.	167° 51' 00"
G.I.P. (M) in conc. pld.	117° 43' 00"	S/S Trig. P/n	219° 31'
Cu Nail in conc. pld.			
MONSOON T.S.	0° 00' 00"		
G.I.P. (M) in conc. pld.	117° 45' 04"		
S/S Trig. P/n in conc.	297° 15'		
G.I.P. in conc. pld.	347° 57' 00"		

6

GS 24

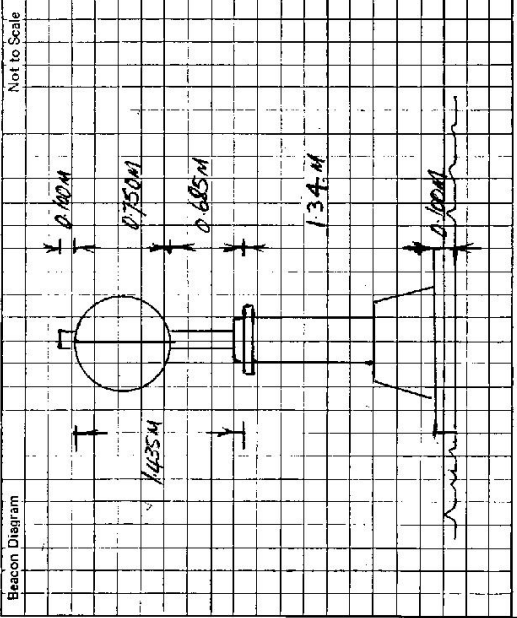
STATION GRAVESEND (S/P) Roof top IS 7186

Owner's Name:
 Address:
 Phone:

Current Occupant: A J RUMIN
 Address: GRAVESEND
 Phone: GRAVESEND 20

ACCESS

Access Report of 21.1.1985 was found suitable/unusable.
 MA FEATURE
 0.00 RD. GRAVESEND HEADS TOWARDS MOORE.
 3.93 TURN RIGHT OFF GYNDIC HIGHWAY ONTO DIRT
 TRACK & CROSS RAILWAY AVE.
 4.38 TAKE RIGHT TRACK.
 4.71 TURN LEFT THROUGH IRON GATE & HEAD SOUTH
 TOWARDS ION RIDGE - TRACK GOES ALONG TOP & SIDE
 OF THIS RIDGE, TRAILER PARK AT FIRST THEN
 BECOMES CLEAR.
 5.73 LEAVE VEHICLE NEXT TO SMALL TREE WITH BLAZE
 WALK STRAIGHT UP RIDGE AND ALONG TOP TO TRIG
 ABOUT 5 MINUTES EASY WALK.



This section to be completed by officer constructing pillar.

Original station mark found/not-found: SHANKLESS STEEL P

Description of mark: SHANKLESS STEEL P

Original beacon found/not-found: CONCRETE PILE & DISC

Description of beacon: CONCRETE PILE & DISC

Height Top of Vane to Top Mark: 3.676 m.

Height of mark: 1.010 m. above G.L. / below G.L.

Diameter of Vane: 1.010 m. Height of Cairn: 0.600 m.

Original Beacon has/hasn't been destroyed by me.

Record of Station

Date

GEODETIC SURVEY OF NSW

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: GRAVESEND G.S.(P).

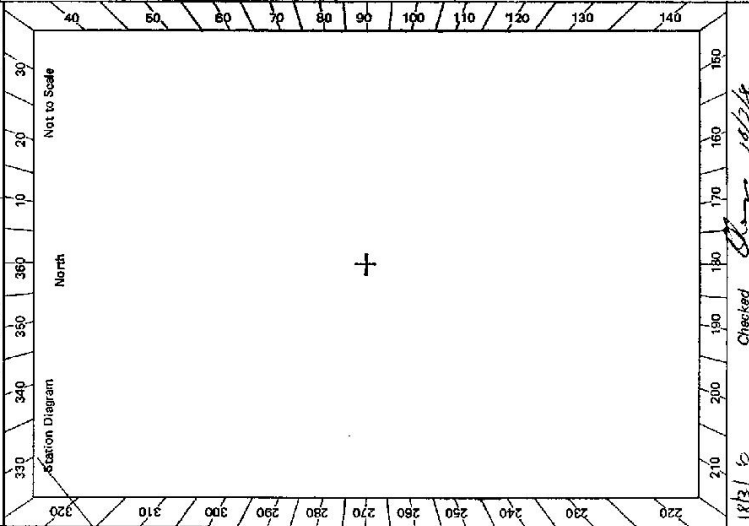
No.: 7186

MAP SHEET
SCALE 1:250 000

INSPECTED BY: P. BATES

DATE: 24 10 85

AUTHORITY: C.M.A.
FIELD BOOK: 1956



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 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.....m. ^{above} _{below} rock/concrete; Mark is.....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. ^{None} Plate found/not found/placed.

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

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

Prepared by: P. BATES 28.10.85

Checked: [Signature] 23.1.86

Checked: [Signature] 19/1/86

Noted on U.T.M. Card

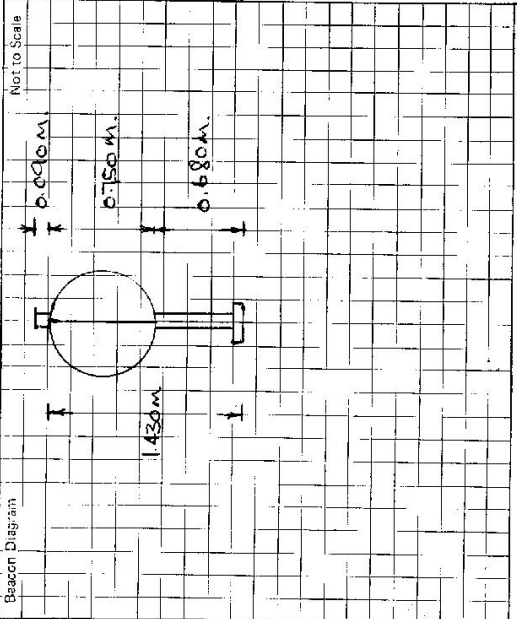
STATION **GRAVESEND GS(P) ROOFTOP** TS 7186

Owner's Name:
 Address:
 Phone:

Current Occupant:
 Address:
 Phone:

ACCESS
 Access Report of 24/10/1985 was found suitable/unsuitable.

6-2730-2-D, West, Government Printer
 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 Markm.

Height of mark:m. above below rock/concm. below G.L.

Diameter of Vanesm. Height of Cairnm.

Original Beacon has/has not been destroyed by me.

Date	Record of Station