

7408

CENTRAL MAPPING AUTHORITY  
Department of Lands

Trip: Trig Survey of N.S.W.  
RECONNAISSANCE and MAINTENANCE REPORT

STATION ~~SOULT HEAD~~ **SOULT HEAD** (Roof Top Pila) 4135

Co: LUMBERLAND      Ph: NARRABEEN

Map Sheet: SYDNEY      No: 9130 North

Inspected by: W. McILLIVRAY      Date: 15.12.76

Authority: C. M. A.      Field Book: 1403

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 Jones bearing~~ ..... from Trig. West

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

4. The Trig. was unpiled/not unpiled, dimensions now being:  
Description of mark: ~~STEEL PLATE~~ **STEEL PLATE** should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark: ..... m above below G.I.

Height of Top Vanes to Top Mark: ~~1.44~~ **1.44** ✓ m.      Diameter of Vanes (vertical) ~~0.756~~ **0.756** ✓ m.

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

Length of Mast: ~~1.521~~ **1.521** m. (approximate if not unpiled)

5. A ~~G.I. PIPE~~ **PIPE** set in conc./rock has been placed ~~2.040~~ **2.040** m. bearing ~~132~~ **132** °M from Trig. ~~West Pila~~

6. A ~~LOOSE NAIL~~ **LOOSE NAIL** set in conc./rock has been placed ~~1.882~~ **1.882** m. bearing ~~262~~ **262** °M from Trig. ~~West Pila~~

7. A ~~G.I. PIPE~~ **PIPE** set in conc./rock has been placed ~~2.040~~ **2.040** m. bearing ~~192~~ **192** °M from Trig. ~~West Pila~~

8. A ~~COOPER NAIL~~ **COOPER NAIL** set in conc./rock has been placed ~~1.882~~ **1.882** m. bearing ~~269~~ **269** °M from Trig. ~~West Pila~~

9. Connection ~~LOWER NAIL TO G.I. PIPE~~ **LOWER NAIL TO G.I. PIPE** : ~~2.447~~ **2.447** m. bearing ~~134~~ **134** °M

10. Connection: ..... to ..... m. bearing ..... °M

11. Connection: ..... to ..... m. bearing ..... °M

12. Connection: ..... to ..... m. bearing ..... °M

13. Diff. Ht. ~~LOWER NAIL~~ **LOWER NAIL** is ~~1.136~~ **1.136** m. ~~above below~~ **PILLAR PLATE**

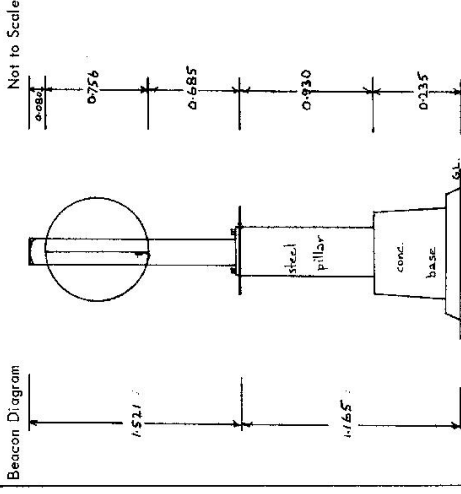
14. Diff. Ht. ~~G.I. PIPE~~ **G.I. PIPE** is ~~1.105~~ **1.105** m. ~~above below~~ **PILLAR PLATE**

15. Diff. Ht. ~~COOPER NAIL~~ **COOPER NAIL** is ~~0.288~~ **0.288** m. ~~above below~~ **Trig. Pila**

16. Diff. Ht. ~~G.I. PIPE~~ **G.I. PIPE** is ~~0.324~~ **0.324** m. ~~above below~~ **Trig. Pila**

Prepared by: **R. McClenahan** 10-2-77      Checked: **[Signature]**

Noted on U.T.M. Card



Sketch: 0.015 m above Pillar Plate

| Date  | Record of Station         |
|-------|---------------------------|
| 14/12 | Roof Top Pila established |
|       |                           |
|       |                           |
|       |                           |
|       |                           |
|       |                           |

Checked

STATION BANGALLEY ~~SOFT HEAD~~ - 1 of Top Pkts. 4135

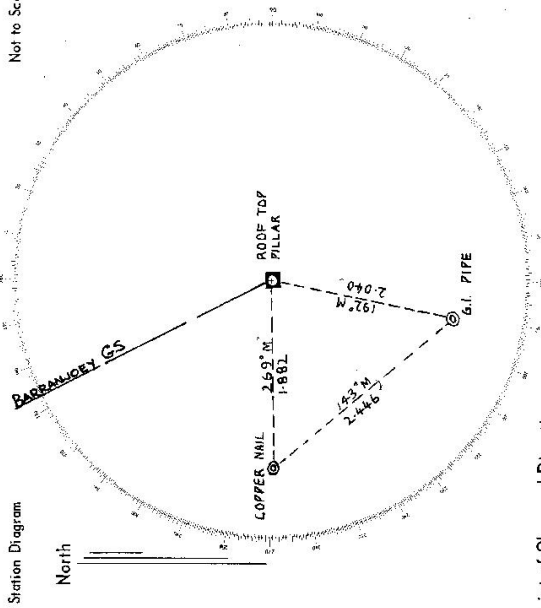
Owners Name: .....  
 Address: .....  
 Current Occupant: .....  
 Address: .....

Access 15-12-76

Not to Scale

Station Diagram

North



List of Observed Directions:-

Standpoint: STEEL OBSERVATION PILLAR Standpoint: LOPPER NAIL

| Station           | Direction  | Station         | Direction  |
|-------------------|------------|-----------------|------------|
| BARRANJOEY T.S.   | 0° 00' 00" | BARRANJOEY T.S. | 0° 00' 00" |
| BUSHRANGER PILLAR | 219 20 50  | PILLAR SPANGOT  | 116 30 30  |
| G.I. PIPE         | 219 23 00  | G.I. PIPE       | 170 44 15  |
| LOPPER NAIL       | 298 31 10  | BUSHRANGER T.S. | 219 18 00  |

Standpoint: Cu. Nail

| Station       | Direction |
|---------------|-----------|
| Barranjoey GS | 0 00 00   |
| Brass Plug    | 116 30 30 |
| G.I. Pipe     | 170 44 15 |
| Bushranger GS | 219 18 10 |

Standpoint: G.I. PIPE

Standpoint: Brass Plus

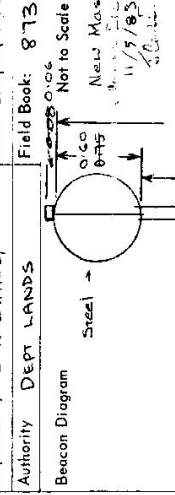
| Station         | Direction | Station       | Direction |
|-----------------|-----------|---------------|-----------|
| BARRANJOEY T.S. | 0 00 00   | BARRANJOEY GS | 0 00 00   |
| PILLAR SPANGOT  | 39 19 50  | Brass Plug    | 35 19 50  |
| BUSHRANGER      | 219 18 30 | Bushranger GS | 219 19 25 |
| LOPPER NAIL     | 350 47 55 | Cu. Nail      | 350 48 20 |

TS 4135

Department of Lands  
 STATION BANIGALLEY (P) TS 4135  
 Co: CUMBERLAND Ph: NARRABEEN

Map Sheet: PALK BEACH  
 Inspected by: C.N. STARKLEY  
 No: 2775  
 Date: 22/3/17

Authority: DEPT LANDS  
 Field Book: 873



This Trig. Station has been:-

- 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/~~re-erected~~, dimensions now being:

Description of mark: ~~STEEL PILLAR~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar  
 Height of mark: 1.16 m above ~~rock~~ concrete ..... m above G.L.  
 Height of Top Vanes to Top Mark/Top pillar plate: 1.43 m above G.L.  
 Height of Cairn: ..... m. Diameter of Cairn: ..... m.

- 5. A ~~COPPER PIPE~~ set in conc./rock has been placed/fd 1.883 m. bearing 280°M from Trig. Mast/pillar
- 6. A ~~GA PIPE~~ set in conc./soil has been placed/fd 2.038 m. bearing 290°M from Trig. Mast/pillar
- 7. A ..... set in conc./soil has been placed/fd ..... m. bearing .....°M from Trig. Mast/pillar
- 8. A ..... set in conc./rock has been placed/fd ..... m. bearing .....°M from Trig. Mast/pillar

- 9. Connection: ~~GA PIPE~~ to ~~COPPER PIPE~~ 2.448 m. bearing 330°M
- 10. Connection: ..... to ..... m. bearing .....°M
- 11. Connection: ..... to ..... m. bearing .....°M
- 12. Connection: ..... to ..... m. bearing .....°M
- 13. Diff. Ht. ~~COPPER PIPE~~ is 1.136 m. ~~above~~ ~~below~~ ~~PLASTER PLATE~~
- 14. Diff. Ht. ~~GA PIPE~~ is 1.108 m. ~~above~~ ~~below~~ ~~PLASTER PLATE~~
- 15. Diff. Ht. .... is ..... m. ~~above~~ ~~below~~ .....
- 16. Diff. Ht. .... is ..... m. ~~above~~ ~~below~~ .....

Prepared by: *C.N. Starkley*  
 Checked: *C.N. Starkley* 24/3/17

| Date    | Record of Station        |
|---------|--------------------------|
| 11/5/83 | New Mast & Vanes Erected |
|         |                          |
|         |                          |
|         |                          |
|         |                          |

STATION 4135 BANGALLEY (P) TS

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

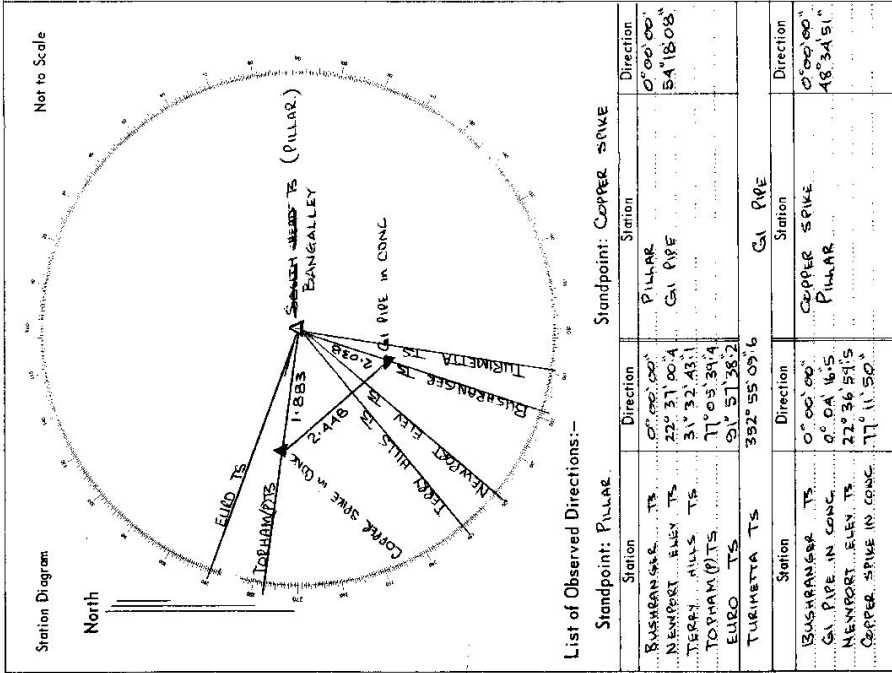
Address.....

Access 22-3-77

TRIG IS ON SOUTH HEAD OF BROKEN BAY

UBD REF. MAP 21A 18

Enter reserve from Milga St (pull out post to gain entry)  
 Drive north in reserve as far as possible (edge of scrub)  
 About 15 mins walk, with a load, along track.



List of Observed Directions:-

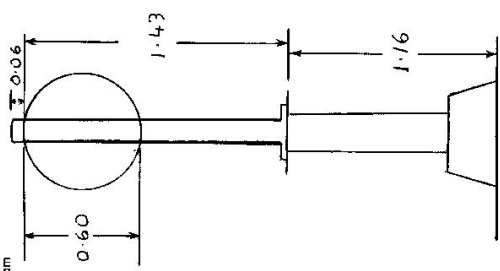
| Standpoint: Pillar   |                | Standpoint: Copper Spike |            |
|----------------------|----------------|--------------------------|------------|
| Station              | Direction      | Station                  | Direction  |
| Bushranger TS        | 0° 00' 00"     | Pillar                   | 0° 00' 00" |
| Newport Eley TS      | 22° 37' 00.4"  | CA PIPE                  | 54.1808    |
| Terry Hills TS       | 31° 32' 43.1"  |                          |            |
| Totham (P) TS        | 77° 05' 34.4"  |                          |            |
| Euro TS              | 91° 51' 38.2"  |                          |            |
| Turimetta TS         | 392° 55' 09.6" | CA PIPE                  |            |
| Bushranger TS        | 0° 00' 00"     | Copper Spike             | 0° 00' 00" |
| CA PIPE IN CONC      | 0° 00' 00"     | Pillar                   | 54.1808    |
| Newport Eley TS      | 22° 37' 00.4"  |                          |            |
| Copper Spike in Conc | 77° 05' 34.4"  |                          |            |

75-10-8

Department of Lands  
 Integration: Ivey of N.S.W.  
 RECONNAISSANCE and MAINTENANCE REPORT 4135  
 STATION BANGALLEY (P) T.S. 4135  
 Co: CUMBERLAND Pr: NARRABEEN

Map Sheet: PALM BEACH No: 2775  
 Inspected by: J. CASSIDY Date: 11/5/83  
 Authority: S.C.B. Field Book:

Beacon Diagram Not to Scale



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 Pillar~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar  
 Height of mark..... ~~1.16~~ m above ~~rock/concrete~~ ..... m above ~~below~~ G.L.  
 Height of Top Vanes to Top Mark/Top pillar plate..... ~~1.43~~ m Diameter of Vanes (vertical) ~~0.60~~ m.  
 Height of Cairn..... m. Diameter of Cairn..... m.  
 Length of Mast..... m. (approximate if not unpiled)
5. ~~Copper Spike~~ set in conc/~~rock~~ has been placed/fd ~~1.883~~ m. bearing... ~~280~~°M from Trig. ~~Mast~~/pillar
6. ~~Gal. Pipe~~ set in conc/~~soil~~ has been placed/fd ~~2.038~~ m. bearing... ~~200~~°M from Trig. ~~Mast~~/pillar
7. A..... set in conc./soil has been placed/fd..... m. bearing.....°M from Trig. Mast/pillar
8. A..... set in conc./rock has been placed/fd..... m. bearing.....°M from Trig. Mast/pillar
9. Connection ~~Gal. Pipe~~ to ~~Copper Spike~~ ~~2.448~~ m. bearing... ~~330~~°M
10. Connection..... to..... m. bearing.....°M
11. Connection..... to..... m. bearing.....°M
12. Connection..... to..... m. bearing.....°M
13. Diff. Ht. ~~Copper Spike~~ is ~~1.136~~ m. ~~above~~ ~~below~~ ~~Pillar Plate~~
14. Diff. Ht. ~~Gal. Pipe~~ is ~~1.108~~ m. ~~above~~ ~~below~~ ~~Pillar Plate~~
15. Diff. Ht. .... is..... m. ~~above~~ ~~below~~
16. Diff. Ht. .... is..... m. ~~above~~ ~~below~~

| Date    | Record of Station        |
|---------|--------------------------|
| 11/5/83 | New Mast & Vanes Erected |
|         |                          |
|         |                          |
|         |                          |

Prepared by: \_\_\_\_\_  
 Checked: \_\_\_\_\_

STATION *Bargaffley* \* 4135

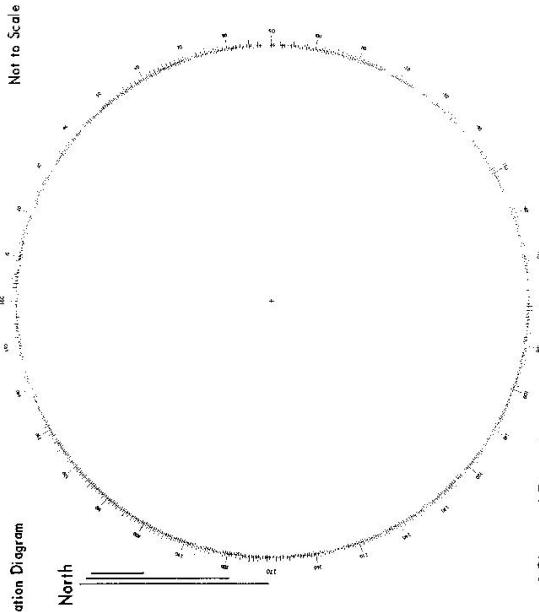
Owners Name..... Current Occupant.....

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

Access.....

Station Diagram

North



List of Observed Directions:-

| Standpoint: |           | Standpoint: |           |
|-------------|-----------|-------------|-----------|
| Station     | Direction | Station     | Direction |
|             |           |             |           |
|             |           |             |           |
|             |           |             |           |
|             |           |             |           |
| Station     | Direction | Station     | Direction |
|             |           |             |           |
|             |           |             |           |



STATION 4135

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

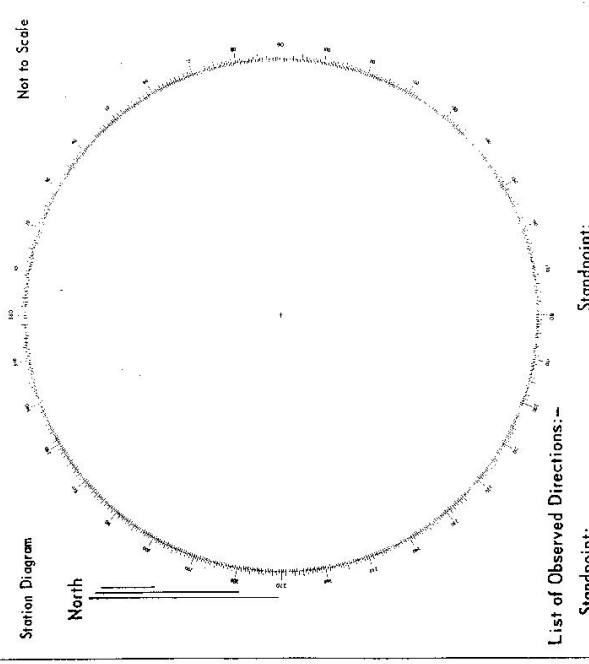
Address..... Address.....

Access 16-4-88

Not to Scale

Station Diagram

North



List of Observed Directions:--

| Standpoint: |           | Standpoint: |           |
|-------------|-----------|-------------|-----------|
| Station     | Direction | Station     | Direction |
|             |           |             |           |
|             |           |             |           |
|             |           |             |           |
|             |           |             |           |
| Station     | Direction | Station     | Direction |
|             |           |             |           |
|             |           |             |           |
|             |           |             |           |
|             |           |             |           |