

Department of Lands
 Trigonometrical Survey of N.S.W.
 RECONNAISSANCE and MAINTENANCE REPORT

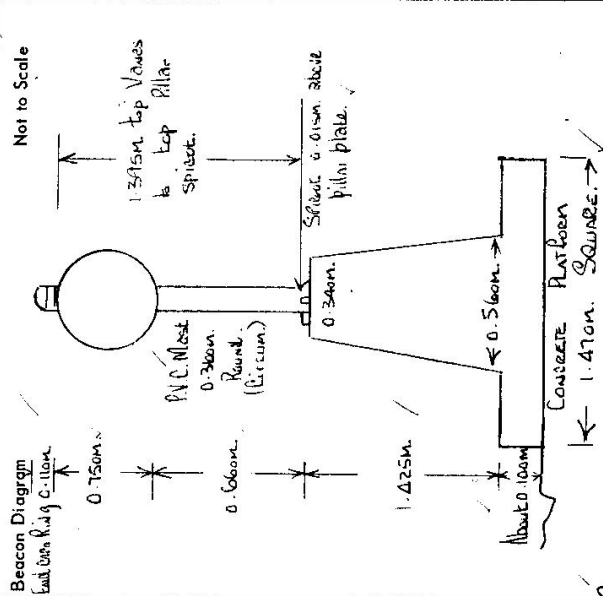
74-98

STATION BREAKNECK (Pillar) T.S. 5595
 Co: DURHAM Ph: GOYHA
 Map Sheet: CAMBERNELL SOUTH No: 9135
 Inspected by: DAVID J. KAIN Date: 8th November 1913
 Authority: _____ Field Book: 01397

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 lances bearing _____ from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
4. The Trig. was unpiled / ^{AND NOT REPILED} ~~not repaired~~, dimensions now being: black in concrete ~~black in concrete~~ black in concrete ~~black in concrete~~
 Description of marks: Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark: Level ^{with} mark/concrete ~~mark/concrete~~ at ~~at~~ G.I.
 Height of Top Vanes to Top Mark 1.345 m. Diameter of Vanes (vertical) 0.750 m.
 Height of Cairn: _____ m. Diameter of Cairn _____ m.

5. A. Steel ~~Steel~~ set in conc/mark has been placed. 2.581 m. bearing A ~~0~~ 0 m from Trig. Mark
6. A. Conc. Nail set in conc/steel has been placed. 5.350 m. bearing 109 ~~0~~ 0 m from Trig. Pillar.
7. A. G.I. Pipe set in conc/steel has been placed. 2.887 m. bearing 255 ~~0~~ 0 m from Trig. Mast
8. A. _____ set in conc/rock has been placed. _____ m. bearing _____ ~~0~~ 0 m from Trig. Mast
9. Connection Steel Mark to G.I. Pipe : 4.359 m. bearing 52 ~~0~~ 0 m. ^{Original measurements before station was unpled.}
10. Connection Steel Mark to Conc. Nail : 3.143 m. bearing 225 ~~0~~ 0 m
11. Connection Steel Mark to G.I. Pipe : 3.437 m. bearing 306 ~~0~~ 0 m
12. Connection _____ to _____ m. bearing _____ ~~0~~ 0 m
13. Diff. Ht. Pillar Mark is 1.593 m. ^{above} Pillar Base
14. Diff. Ht. G.I. Pipe is 1.627 m. ^{above} Pillar Base
15. Diff. Ht. Copper Nail is 1.587 m. ^{above} Pillar Base
16. Diff. Ht. _____ is _____ m. ^{above} _____



Record of Station

| Date | Checked |
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Prepared by: _____
 Checked: _____
 Noted on U. T. M. Card

STATION BREAKNECK (Pillar) T.S. 5595

Owners Name Mk. M. TUDOR Current Occupant BOAZIEN

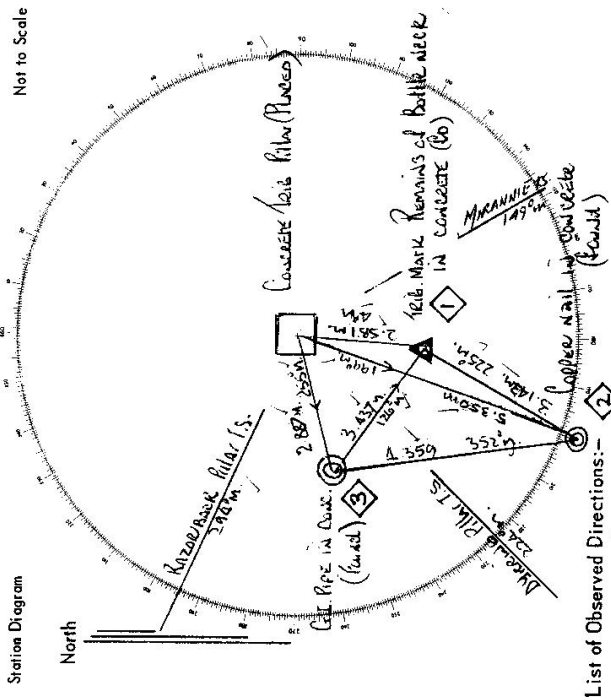
Address HOWE STREET Address SINGLETON

Access 8-11-1975 Access To BREAKNECK PILLAR T.S. FROM SINGLETON
AT SINGLETON POST OFFICE AT 0 MILES, TRAVEL ALONG GRESFORD ROAD TOWARD GRESFORD
MILEAGE

- 1.90 CROSS REDBOURNE BEARS BRIDGE OVER HUNTER RIVER
- 2.90 STRAIGHT AHEAD ALONG GRESFORD ROAD, SIGNPOST, GRESFORD 3.8 KM.
- 5.40 TAKE SEALED ROAD TO YOUR LEFT, SIGNPOSTS, 11 KM. WESTBROOK
- 9.15 TAKE SEALED ROAD TO YOUR LEFT, SIGNPOSTS, 3 1/2 WESTBROOK
- 15.40 END OF SEALED ROAD, FOLLOW BROOK BEHIND ROAD.
- 16.70 THROUGH IRON GATE AND ACCESS CONCRETE CAUSEWAY.
- 17.05 IRON GATE AND CONCRETE CAUSEWAY.
- 17.20 TAKE LEFT FORK.
- 17.35 THROUGH IRON GATE.
- 17.80 TAKE TRACK OFF TO YOUR RIGHT.
- 18.10 TAKE LEFT FORK IN TRACKS.
- 18.20 THROUGH WOOD GATE.
- 18.95 THROUGH IRON GATE.
- 19.95 THROUGH WIRE GATE.
- 20.50 THROUGH IRON GATE.
- 21.20 THROUGH IRON GATE.
- 21.50 THROUGH IRON GATE.
- 22.25 THROUGH IRON GATE.
- 22.95 IRON GATE IN TRAIL PILLAR ON L.H.S. TRACK.

IN DRY WEATHER VIA THIS ACCESS IT WOULD BE POSSIBLE TO DRIVE A STATION SEDAN TYPE VEHICLE TO THIS STATION.

Not to Scale



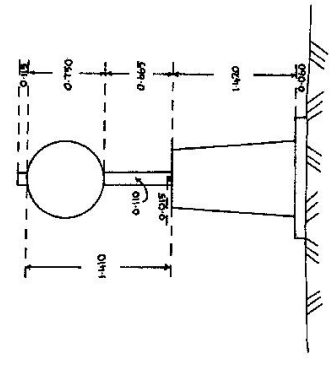
List of Observed Directions:-

| Station | Direction | Station | Direction |
|--------------------------|-----------|--------------------------|-----------|
| MIRAMIE T.S. | 0 00 00 | MIRAMIE T.S. | 0 00 00 |
| TRIS MARK | 51 40 | CONCRETE PILLAR IN CONC. | 65 46 10 |
| CONCRETE PILLAR IN CONC. | 57 10 | BYRNING PILLAR T.S. | 72 07 42 |
| BYRNING PILLAR T.S. | 06 29 | 5.1 P. P. IN CONC. | 148 40 10 |
| G.P. PIPE IN CONC. | 101 26 10 | CONC. OBS. PILLAR | 205 50 40 |
| RAZORBACK PILLAR T.S. | 140 75 52 | | |
| | | CONCRETE PILLAR IN CONC. | |
| | | MIRAMIE T.S. | 0 00 00 |
| | | TRIS MARK | 285 48 04 |
| | | CONC. OBS. PILLAR | 228 58 50 |
| | | G.P. PIPE IN CONC. | 194 23 04 |
| | | RAZORBACK PILLAR T.S. | 460 18 58 |

RECONNAISSANCE and MAINTENANCE REPORT

Co: DURAWANA Pk: GUTNA
Map Sheet: CHANDERWELL No: 1133 - S
Inspected by: C J BROWN Date: 7th JANUARY 1976
Authority: C.M.A. Field Book: 14.77

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 ~~CONCRETE OBSERVATION PILLAR~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark m above / below rock/concrete ~~PILLAR PLATE~~ m above G.I. ~~PICTURE~~
 Height of Top Vanes to Top ~~PLATE~~ 1410 m. Diameter of Vanes (vertical) 1410 m.
~~Height of Centre~~ m. Diameter of ~~Centre~~ m.

5. A ~~TRIG. MARK~~..... set in ~~stone/rock~~ has been found m. bearing from Trig. Mast Pillar
6. A ~~COPPER NAIL~~..... set in conc/~~soil~~ has been found m. bearing from Trig. Mast Pillar
7. A ~~G.I. PIPE~~..... set in conc/~~soil~~ has been found m. bearing from Trig. Mast Pillar
8. A set in conc/rock has been placed m. bearing from Trig. Mast
9. Connection ~~TRIG. MARK~~ to ~~COPPER NAIL~~ : 3.140 m. bearing 214 °M
10. Connection ~~TRIG. MARK~~ to ~~G.I. PIPE~~ : 3.434 m. bearing 237 °M
11. Connection ~~G.I. PIPE~~ to ~~COPPER NAIL~~ : 4.362 m. bearing 343 °M
12. Connection to m. bearing °M
13. Diff. Ht. ~~TRIG. MARK~~ is 1.602 m. ~~above~~ / ~~below~~ ~~PILLAR PLATE~~
14. Diff. Ht. ~~COPPER NAIL~~ is 1.583 m. ~~above~~ / ~~below~~ ~~PILLAR PLATE~~
15. Diff. Ht. ~~G.I. PIPE~~ is 1.600 m. ~~above~~ / ~~below~~ ~~PILLAR PLATE~~
16. Diff. Ht. is m. ~~above~~ / ~~below~~

Prepared by: R. J. ... Checked: A. ... 13-1-76. *Note: Noted on U.T.M. Card*

| Date | Record of Station |
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Checked

75 103

Department of Lands

Integrative Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT 1143

STATION **BREANJECK PILLAR 5595**

This Trig. Station has been:-

Note: Cross out words 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 unpiled/~~re-emplotted~~, dimensions now being:

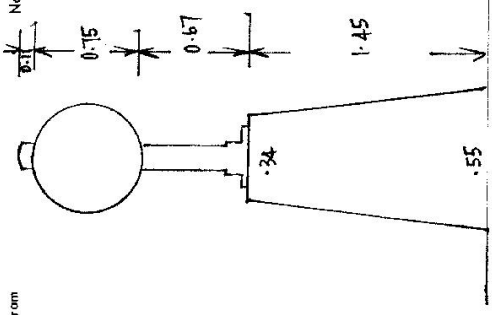
Description of mark concrete pillar should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar
 Height of mark 1.45 m ^{above}/_{below} concrete 1.45 m ^{above}/_{below} G.L.
 Height of Top Vanes to ~~Top pillar plate~~ Top pillar plate 1.42 m Diameter of Vanes (vertical) 1.45 m.
 Height of Cairn 1.45 m. Diameter of Cairn 34/55 m.
 Length of Mast 1.53 m. (approximate if not unpiled)

- 5. A Trig. Bottle set in conc/~~rock~~ has been placed/~~fd~~ 2.583 m. bearing 168° 0M from Trig. ~~Mast~~/pillar
- 6. A C.S. set in conc/~~soil~~ has been placed/~~fd~~ 5.248 m. bearing 191° 0M from Trig. ~~Mast~~/pillar
- 7. A G.I.P. set in conc/~~soil~~ has been placed/~~fd~~ 2.881 m. bearing 246° 0M from Trig. ~~Mast~~/pillar
- 8. A set in conc/~~rock~~ has been placed/~~fd~~ m. bearing 0M from Trig. ~~Mast~~/pillar
- 9. Connection Bottle to C.S. 2.137 m. bearing 210° 0M
- 10. Connection Bottle to G.I.P. 3.433 m. bearing 293° 0M
- 11. Connection to m. bearing 0M
- 12. Connection to m. bearing 0M
- 13. Diff. Ht. Pillar Plate is 1.605 m. ^{above}/_{below} Bottle
- 14. Diff. Ht. Pillar Plate is 1.580 m. ^{above}/_{below} C.S.
- 15. Diff. Ht. Pillar Plate is 1.625 m. ^{above}/_{below} G.I.P.
- 16. Diff. Ht. is m. ^{above}/_{below}

Prepared by: A. GRHAM Checked: L.M Hayes 13-8-76

Co: DURHAM Ph: GOTHA
 Map Sheet: CAMDENWELL No: 9133
 Inspected by: A. GRHAM Date: 16-7-76
 Authority: J.S.D. NELLE Field Book: PPP 328

Beacon Diagram



| Date | Record of Station |
|----------------|----------------------|
| <u>8-11-75</u> | <u>Pillar Placed</u> |
| | |
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STATION BEARING: **5595**

FILLAGE

Owners Name

Current Occupant

Address

Address

Access 16-7-16

km. **Leakute.**

2-0 Cross "Ludbournberry" bridge on Singleton to Gresford Rd, (approx 3.2 km from Singleton P.O.)

6-1 straight ahead along Gresford Rd ("Gresford 38 km")

12-4 Take sealed road on left, "Northbrook 11, Ingar 16, Mirramie 31"

22-9 Take sealed road on left "Northbrook 3 1/2"

25-0 End of sealed road.

25-3 + 25-4 Cone. Caunwoy.

25-6 Iron Gate & Cone. Caunwoy.

25-7 Take left fork

25-9 Cone. Caunwoy.

26-1 Iron Gate

26-4 Take right hand track

27-4 Take left fork.

27-5 Woodson Gate.

28-8 Iron Gate.

30-5 Wire Gate.

31-4 Iron Gate.

32-6 Iron Gate.

33-2 Iron Gate.

34-6 Iron Gate.

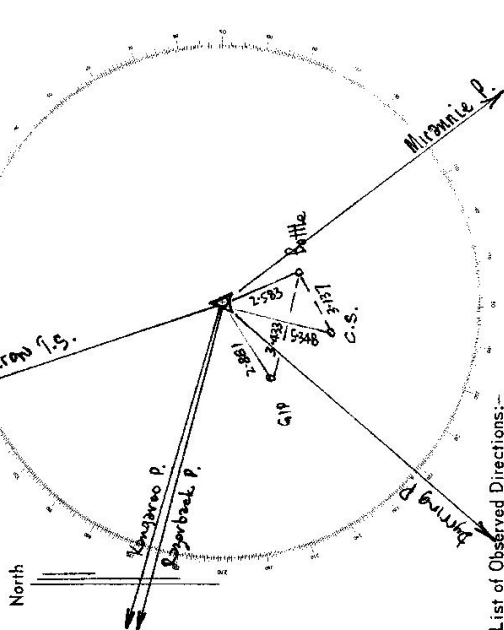
25-6 Iron Gate ↓ Tia

been by 2 wheel drive in dry conditions.

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

Not to Scale

Station Diagram



List of Observed Directions:-

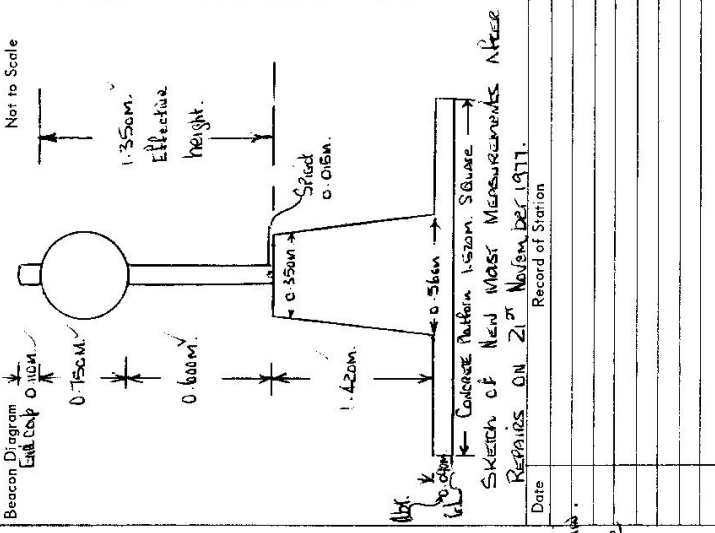
| Station | Direction | Station | Direction |
|---------------|-----------------|--------------|---------------|
| Rhymerack P. | 0° 00' | Bottle | 8° 00'00" |
| Kangeroo P. | 0° 19' 26.25" | GIP | 8° 26' 52.5" |
| Cooleson P.S. | 56° 35' 08.67" | Rhymerack P. | 63° 34' 34.5" |
| Mirramie P. | 219° 43' 48.00" | C.S. | 285° 31' 09" |
| Bottle | 243° 35' 50.5" | Dyrring P. | 291° 56' 58" |

| Station | Direction | Station | Direction |
|------------|-----------------|---------|-----------|
| C.S. | 248° 41' 51" | | |
| Dyrring P. | 291° 56' 58.25" | | |
| GIP | 321° 11' 17" | | |

74098

CENTRAL MAPPING AUTHORITY
Department of Lands
Trigonometrical Survey of N.S.W.
RECONNAISSANCE and MAINTENANCE REPORT

STATION **BREMSNECK (Pillar) G.S. 5595**
 Co: **DUNEDIN** Ph: **Guthrie**
 Map Sheet: **CAMBERWELL** No: **9133**
 Inspected by: **DAVID J. KAY** Date: **21 NOVEMBER 1977**
 Authority: **C.M.A.** Field Book: **G1408**



- 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:~~
 Original Station Mark found: not found
 should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
- Description of mark.....
- 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..... 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 Station was visited to Repair broken P.V.C. Mast only.
 10. Connection..... to..... m. bearing..... °M P.V.C. Mast was found broken at flange only. Flange was cut off & was replaced. Original un drilled vanes were used again.
 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

Date: Record of Station

Checked:
 Noted on U.T.M. Card

