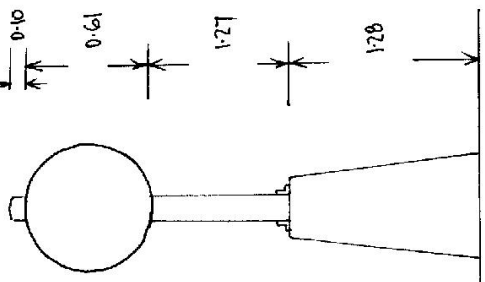


Department of Lands
 Integration: Survey of N.S.W.
 RECONNAISSANCE and MAINTENANCE REPORT 3221 STATION MOSSMAN (P) TS 3221

Map Sheet: NORTHUMBERLAND Ph: MITTING HAM
 No: 9132
 Inspected by: A.R. GRAHAM Date: 15.1.76
 Authority: I.S.D. NEWCASTLE Field Book: RDP 188

Beacon Diagram



Date	Record of Station

Note: Cross out word or words which do not apply

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 concrete pillar should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar
 Height of mark 1.28 m above rock/concrete 1.28 m above G.L.
 Height of Top Vanes to ~~Top~~ Top pillar plate 1.88 m Diameter of Vanes (vertical) 0.61 m.
 Height of Cairn 1.28 m. Diameter of Cairn 0.34 x 0.56 m.
 Length of Mast 1.98 m. (approximate if not unpiled)

5. A. Trig. Plug set in conc./~~rock~~ has been placed/fd 3.49 m. bearing 326° M from Trig. Mast/pillar
6. A. G.L.P. set in conc./~~soil~~ has been placed/fd 4.785 m. bearing 0° M from Trig. Mast/pillar
7. A. C.S. set in conc./~~soil~~ has been placed/fd 3.083 m. bearing 58° M from Trig. Mast/pillar
8. A. set in conc./rock has been placed/fd m. bearing from Trig. Mast/pillar

9. Connection Trig. Plug to G.I.P. is 2.948 m. bearing 26° M
10. Connection Trig. Plug to C.S. is 4.041 m. bearing 96° M

11. Connection to m. bearing
12. Connection to m. bearing
13. Diff. Ht. Pillar Plate is 1.245 m. above G.I.P.
14. Diff. Ht. Pillar Plate is 1.245 m. above C.S.
15. Diff. Ht. Pillar Plate is 1.380 m. above Trig. Plug
16. Diff. Ht. Trig. Plug is 0.155 m. below C.S. and G.I.P.

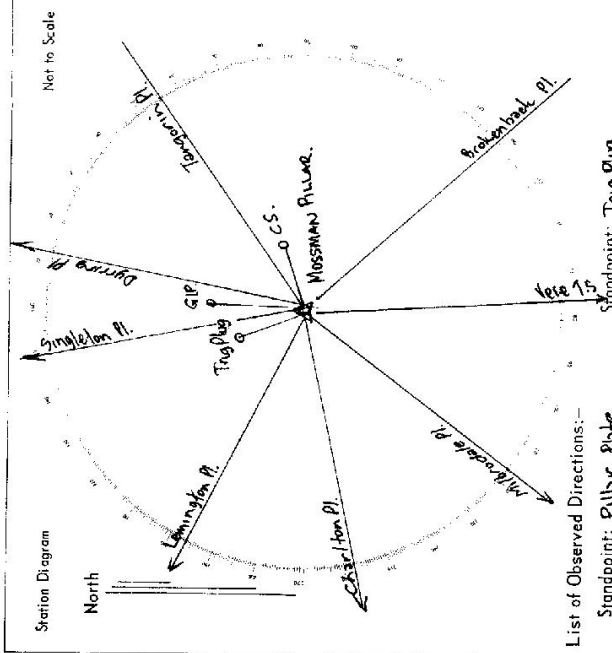
Prepared by: Checked: A. Burrows

STATION **MOSSMAN J.** (TS) **3221**

Owners Name:
 Current Occupant:
 Address:
 Address:

Access **15-1-1976**
 From Singleton take Petty Road towards Sydney
 Km. At 14.2 "Nollambi" AS, broke 15, Sydney 187" Turn Left
 0.2 Left through gate
 0.35 Take right track through gate.
 0.6 Take left track
 1.55 Follow around edge of quarry.
 1.75 Gate.
 1.95 Trig.

Access by 2 wheel drive in dry weather.



List of Observed Directions:-

Station	Direction	Station	Direction
Charlton Pl.	0° 00' 00"	Charlton Pl.	0° 00' 00"
Lewington Pl.	37 31 05.47	G.I.P.	128 44 18.5
Trig Plug (Mossman)	66 01 57	C.S.	198 25 37.5
Singleton Pl.	96 31 42.08	Pillar (Mossman)	248 07 16.2
G.I.P. (Mossman)	101 11 12	Vere T.S.	278 36 42.5
Dyring Pl.	114 54 44.08		
Langston Pl.	160 04 12.4		
C.S. (Mossman)	160 18 29.5		
Brokenback Pl.	243 04 28.17		
Vere TS	278 35 48.64		
Murrumbidgee Pl.	320 57 16.33		

Department of Lands
 Integration Unit of N.S.W
 RECONNAISSANCE and MAINTENANCE REPORT 3221
 STATION Mossman (PTS) 3221
 Co: MONTAUMBERLAND Ph: WITTINGHAM
 Map Sheet: CESSNOCK No: 9132
 Inspected by: L.M Hayes Date: 19-7-76
 Authority Dept Lands Field Book: PDP 147
 Not to Scale

This Trig. Station has been:-

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/~~not unpiled~~, dimensions now being: _____ should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar

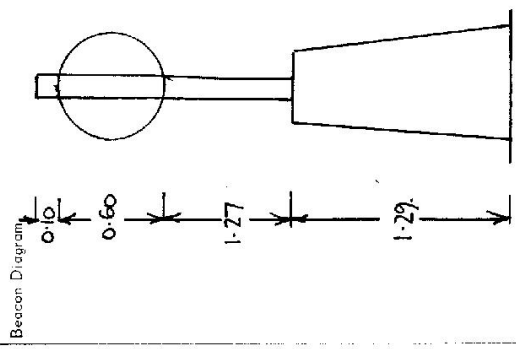
Description of mark: Concrete Pillar
 Height of mark: 1.29 m above ~~rock~~ concrete 1.29 m above G.L.
 Height of Top Vanes ~~to Top Mark~~ Top pillar plate: 1.87 m Diameter of Vanes (vertical): 0.60 m.
 Height of Cairn: _____ m. Diameter of Cairn: _____ m.
 Length of Mast: ~~1.97~~ 1.97 m. (approximate if not unpiled)

5. A Trig Plug set in conc/~~rock~~ has been placed/fd 2.486 m bearing 320° M from Trig. Mast/pillar
6. A Gal. Pipe set in conc/~~rock~~ has been placed/fd 4.690 m bearing 356° M from Trig. Mast/pillar
7. A Copper Spike set in conc/~~rock~~ has been placed/fd 3.880 m bearing 55° M from Trig. Mast/pillar
8. A _____ set in conc/rock has been placed/fd _____ m. bearing _____° M from Trig. Mast/pillar

9. Connection Trig Plug to Gal Pipe: 2.941 m. bearing 25° M
10. Connection Trig Plug to Copper Spike 4.037 m. bearing 95° M

11. Connection _____ to _____: _____ m. bearing _____° M
12. Connection _____ to _____: _____ m. bearing _____° M
13. Diff. Ht. Gal. Pipe is 1.236 m. ~~above~~ below Trig. Pillar.
14. Diff. Ht. Copper Spike is 1.238 m. ~~above~~ below Trig. Pillar.
15. Diff. Ht. Trig Plug is 1.386 m. ~~above~~ below Trig. Pillar.
16. Diff. Ht. _____ is _____ m. ~~above~~ below _____

Prepared by: L.M Hayes 19-7-76 Checked: *[Signature]*



Beacon Diagram

Date	Record of Station

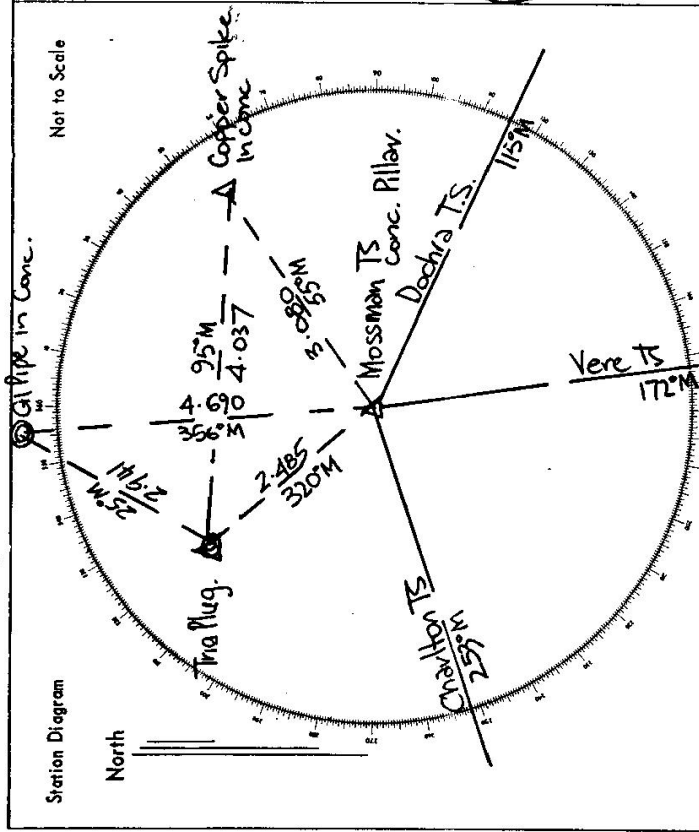
STATION Mossman **O** T.S. **O** 3221

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

19-7-1976
 Conventional Vehicle (Dry weather only)
 0.00km Singleton P.O Continue along Putty Road towards Windsor
 & Denman
 0.80km Railway Crossing - continue straight ahead.
 9.30km Turn left towards Wollombi; S/isted Wollombi; Windsor, Denmar

Note Permission is needed for access to ~~the~~ trig.
 At this intersection it is necessary to continue along
 Putty Road towards Windsor - Denman for approx
 0.2km to ~~for~~ homestead on left, first one past
 intersection

9.30km as before
 9.9km Turn left through gate and follow track
 10.4km ~~Veer~~ Veer right along track
 10.8 ~~Veer~~ Veer right along fence line and follow track to quarry
 and right below quarry face
 10.85 Turn hard left and follow track above quarry
 11.25 Iron gate
 11.35 Mossman T.S.



List of Observed Directions:-

Station	Direction	Station	Direction
Dochara T.S. (Pillar)	339° 59' 60"	Dochara T.S.	339° 59' 60"
Vere T.S.	57° 23' 25"	Pillar (Mossman)	26° 51' 50"
Charlton T.S. (Pillar)	138° 47' 35"	Charlton T.S.	138° 45' 50"
		G.I. Pipe	267° 32' 15"
		Copper Spike	337° 10' 05"
Pillar			
Station	Direction	Station	Direction
Dochara T.S. (Pillar)	339° 59' 60"		
Vere T.S.	57° 23' 25"		
Trigg Plug	206° 50' 15"		
G.I. Pipe	246° 01' 22"		
Copper Spike	299° 11' 53"		

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 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 pillar ... 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 pillar / plate... 1.385 m. Diameter of Vanes (vertical) 0.75 m.
 Height of Cairn 1.285 m. Diameter of Cairn..... m.

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

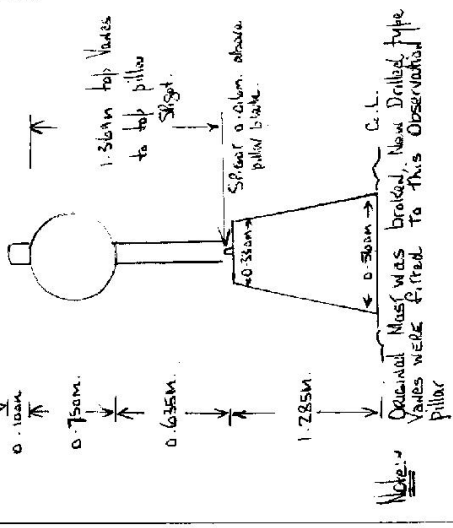
5. A..... set in conc/rock has been placed..... m. bearing.....°M from Trig. Mast
6. A..... set in conc/soil has been placed..... m. bearing.....°M from Trig. Mast
7. A..... set in conc/soil has been placed..... m. bearing.....°M from Trig. Mast
8. A..... set in conc/rock has been placed..... m. bearing.....°M from Trig. Mast

9. Connection..... to..... m. bearing.....°M
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 Masman (Pillar) (TS 3221)
 Co: Northumberland Ph: Wittingham.
 Map Sheet: Cessnock No: 9132 N
 Inspected by: David J. Kidd Date: 22 May 1977
 Authority: C.M.A. Field Book: 01542
 Beacon Diagram: New PVC Mast Not to Scale
MEASUREMENTS



Record of Station

Date

Checked

Noted on U.T.M. Card

GS

STATION Mossman (Pillar) TS 3221	Owner's Name: Address: Phone: Current Occupant: Address: Phone: Access Report of/19 was found suitable/unsuitable. ACCESS
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 markm. above G.L. / below rock/concm. Diameter of Vanesm. Height of Cairnm. Original Beacon has/has not been destroyed by me.
Date	Report of Station

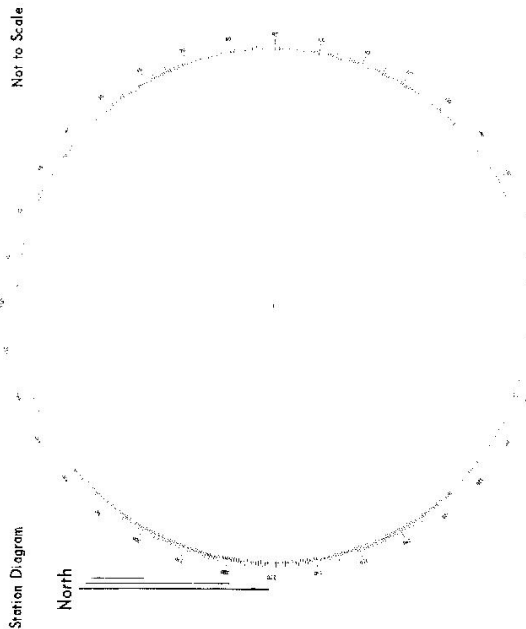
TS 3221 STATION MOSSMAN [P]

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

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

ACCESS DRAWN 9/94.

- Access 0.0 SINGLETON P.O Head South ALONG JOHN ST.
- 0.75 BRIDGE CROSSING RAILWAY LINES STRAIGHT AHEAD.
- 8.0 PASS MITCHELL LINE RD INTERSECTION.
- 8.9 TURN LEFT INTO HOLLAND RD.
- 9.3 UNDER RAILWAY BRIDGE.
- 9.5 TURN LEFT ONTO GRADED TRACK.
- 9.52 G/L/D
- 9.9 CROSS RAIL LINE.
- 10.7 GATE
- 10.75 PASS QUARRY.
- 10.8 LOCKED GATE WALK 100m to TS MOSSMAN.



List of Observed Directions:-

Standpoint:	
Station	Direction
Standpoint:	
Station	Direction