

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. ~~Ground by concrete-bearing~~
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/~~concrete-bearing~~, dimensions now being:
 - Description of mark: Concrete Obelisk Pillar should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 - Height of ~~Steel~~ Pillar Plate 0.017 m above rock/concrete Pillar Plate 0.760 m above G.L.
 - Height of Top Vanes to Top Mast 1.440 m. Diameter of Vanes (vertical) 0.760 m.
 - Height of Obelisk 1.340 m. above conc. Diameter of Obelisk 0.017 m.

Length of Mast m. (approximate if not unpiled)

5. A G.I. Pipe set in conc/rock has been found 3.193 m. bearing 25°M from Trig. PILLAR Mast
6. A Brass Plug set in rock/soil has been found 2.431 m. bearing 98°M from Trig. PILLAR 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 Brass Plug to G.I. Pipe 3.390 m. bearing 341°M
12. Connection..... to m. bearing.....°M
13. Diff. Ht. Pillar Plate is 1.404 m. above G.I. Pipe in Conc.
14. Diff. Ht. Pillar Plate is 1.970 m. above Brass Plug
15. Diff. Ht. Brass Plug is 0.564 m. below G.I. Pipe in Conc.
16. Diff. Ht. is m. above m. below

Prepared by: E. GARCIA Checked:

Noted on U.T.M. Card

STATION KULLATINE T.S.O.P. 5544

Co: DUDLEY | Ph: KULLATINE

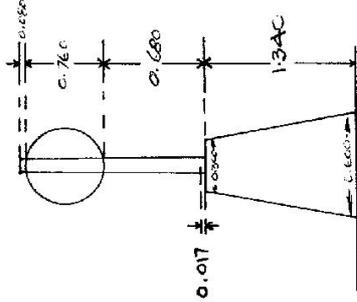
Map Sheet: KEMPSEY | No: 94.35

Inspected by: E. GARCIA | Date: 2.6.76

Authority: C.M.A | Field Book: 01493

Beacon Diagram

Not to Scale



Date: 27/9/76 Record of Station

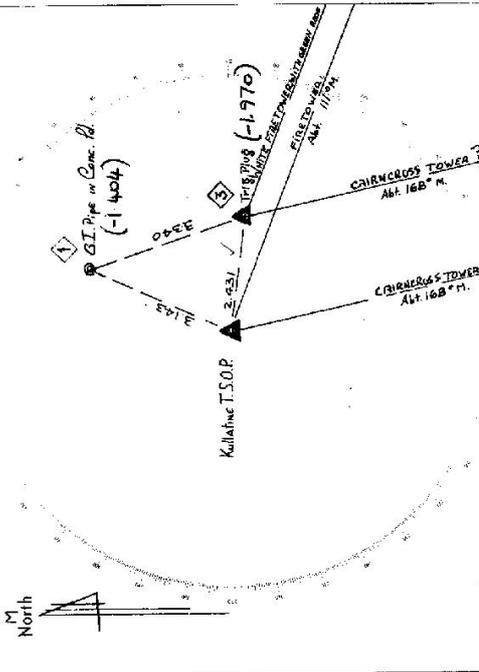
Con. Plls. concrete.

Checked

STATION KULLATINE T.S.O.P. 5544

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

Station Diagram
 M North
 Not to Scale



List of Observed Directions:-

Station	Direction	Station	Direction
White Fin tower w/ Green Roof	359° 55'	White Fin tower w/ Green Roof	359° 55' 60"
Charneross Tower	56° 05' 49"	Charneross Tower	56° 05' 12"
GI Pipe in Conc. P.	213° 41'	GI Pipe in Conc. P.	166° 00'
Brass Plug in rock	346° 11'	GI Pipe in Conc. P.	225° 45'

Standpoint: Conc. Observing Pillar
 Standpoint: Brass Plug in Rock

Access 2-6-1976

DIRECTIONS

WEST KEMPSES PO. TRAVELLING TOWARDS WILLAWARRIN
 TURN LEFT SIGN. AIRPORT - SHERWOOD G
 TAKE R.H. FORK SIGN SHERWOOD B
 BRIDGE OVER MACCLAY RIVER
 SIGN WITTITRIN G. WILLAWARRIN 22 TAKE WITTITRIN ROAD
 END OF SEALED ROAD
 STRAIGHT AHEAD
 FOLLOW SIGNPOST WITTITRIN 4 1/2
 GRID
 TURN RIGHT SIGN BOONANGHI RD
 GRID
 TURN RIGHT THROUGH WIRE GATE
 THROUGH WOOD GATE AT YARDS
 HARD RIGHT THROUGH GATE
 WIRE GATE
 LET DOWN FENCE - DRIVE OVER
 THROUGH WOODEN RAIL GATE
 TRIG.

Access
 Km
 0.00
 5.50
 6.80
 11.20
 12.00
 12.15
 12.30
 14.70
 18.50
 20.50
 20.60
 20.80
 20.90
 20.95
 21.70
 24.10
 24.70
 25.70

Station	Direction	Station	Direction

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION KULLATHINE PILLAR G.S. TS 5544

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/~~rock-impaled~~, dimensions now being: Original Station Mark found ~~not located~~
Description of mark: Concrete Obelisk 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 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. TRIG. PILE set in conc/~~rock~~ has been found placed 2.433 m. bearing 95°M from Trig. Mast Pillar
6. A. B.P.P.P. set in conc/~~rock~~ has been found placed 3.442 m. bearing 22°M from Trig. Mast Pillar
7. A. SSM (1) set in conc/~~rock~~ has been found placed 4.907 m. bearing 56°M from Trig. Mast Pillar
8. A. SSM (2) set in conc/~~rock~~ has been found placed 4.235 m. bearing 173°M from Trig. Mast Pillar

9. Connection B.P.P.P. to TRIG. PILE: 3.339 m. bearing 162°M
10. Connection TRIG. PILE to SSM (1): 3.363 m. bearing 30°M
11. Connection TRIG. PILE to SSM (2): 4.378 m. bearing 205°M

12. Connection..... to..... m. bearing.....°M
13. Diff. Ht. B.P.P.P. to TRIG. PILE is 1.246 m. below TRIG. PILE
14. Diff. Ht. G.I. PIPE to TRIG. PILE is 1.404 m. below TRIG. PILE
15. Diff. Ht. SSM (1) to TRIG. PILE is 1.506 m. above TRIG. PILE
16. Diff. Ht. SSM (2) to TRIG. PILE is 1.498 m. below TRIG. PILE

Prepared by: M.L. Morrison Checked:.....
Noted on U.T.M. Card

Co: DUDLEY Ph: KULLATHINE
Map Sheet: KEMSEY No: 5435
Inspected by: M.L. Morrison Date: 9.12.76
Authority:..... Field Book: 5544
Beacon Diagram..... Not to Scale

Date	Record of Station

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 ~~lines bearing~~ from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
4. The Trig. was unpiled/~~not supported~~, dimensions now being:
 - Description of mark: ~~CONCRETE~~ CONCRETE should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 - Height of ~~mark~~ mark 0.016 m above rock/concrete above G.L.
 - Height of Top Vanes to Top ~~mark~~ mark 1.415 m. Diameter of Vanes (vertical) 0.755 m.
 - Height of ~~cairn~~ cairn 1.340 m. Diameter of Cairn 0.755 m.

Length of Mast 0.755 m. (approximate if not unpiled)

5. A. ~~TRIG. MARK~~ CONCRETE set in conc/~~rock~~ rock has been ~~placed~~ found 2.433 m. bearing 103.5 °M from Trig. Mast ~~Pills~~
6. A. ~~S.S.M. (O)~~ S.S.M. (O) set in conc/~~rock~~ rock has been ~~placed~~ found 4.906 m. bearing 59 °M from Trig. Mast ~~Pills~~
7. A. ~~G. I. PIPE~~ G. I. PIPE set in conc/~~rock~~ rock has been ~~placed~~ found 3.443 m. bearing 23 °M from Trig. Mast ~~Pills~~
8. A. ~~S.S.M. (O)~~ S.S.M. (O) set in conc/~~rock~~ rock has been ~~placed~~ found 4.284 m. bearing 172 °M from Trig. Mast ~~Pills~~
9. Connection. ~~TRIG. MARK~~ CONCRETE to ~~SSM(O)~~ SSM(O): 3.363 m. bearing 27 °M

10. Connection. ~~TRIG. MARK~~ CONCRETE to ~~G.I. PIPE~~ G.I. PIPE: 3.342 m. bearing 337 °M

11. Connection. ~~TRIG. MARK~~ CONCRETE to ~~SSM(O)~~ SSM(O): 4.324 m. bearing 203 °M

12. Connection. ~~SSM(O)~~ SSM(O) to ~~G.I. PIPE~~ G.I. PIPE: 2.886 m. bearing 275 °M

13. Diff. Ht. ~~TRIG. MARK~~ CONCRETE is 1.966 m. ~~above~~ below ~~TRIG. MARK~~ CONCRETE

14. Diff. Ht. ~~SSM(O)~~ SSM(O) to ~~CONCRETE~~ CONCRETE is 1.605 m. ~~above~~ below ~~TRIG. MARK~~ CONCRETE

15. Diff. Ht. ~~G.I. PIPE~~ G.I. PIPE to ~~CONCRETE~~ CONCRETE is 1.405 m. ~~above~~ below ~~TRIG. MARK~~ CONCRETE

16. Diff. Ht. ~~SSM(O)~~ SSM(O) to ~~CONCRETE~~ CONCRETE is 1.498 m. ~~above~~ below ~~TRIG. MARK~~ CONCRETE

Prepared by: R. Holt Checked: R. Holt 25/1/77 Noted on U.T.M. Card

STATION KULLATTINE (Pillar) 5544

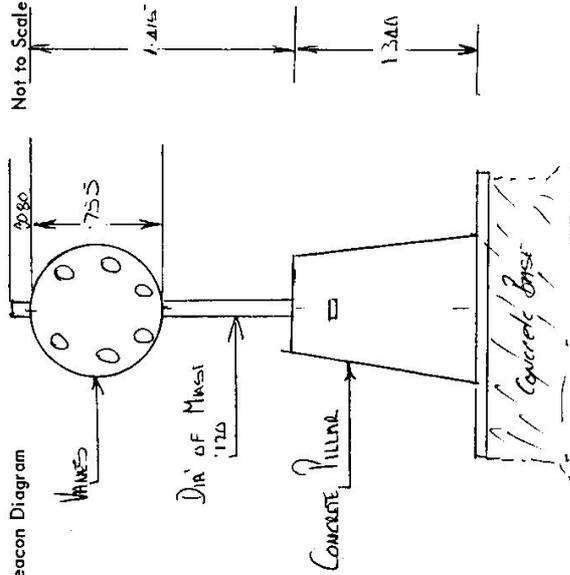
Co: DUDLEY Ph: KULLATTINE

Map Sheet: KEMPSEY No: 9435

Inspected by: L. D. HOLLIS Date: 11.1.1977

Authority: Field Book: 0/413

Beacon Diagram: Not to Scale



Date: 27/1/77 Record of Station: Case pillar established

Checked: R. Holt

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing.....
Note: Cross out word or words which do not apply
2. Mast & Vanes have been painted white & black respectively.
3. The station/pillar was unpiled/not unpiled/constructed on.....
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} rock/concrete; Mark is.....m. ^{above} 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. Name Plate found/not found/placed.

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

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:

STANDPOINT:

Mark	Direction	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
			above standpt				above standpt
			below standpt				below standpt

Prepared by: D. Kinlay, ds

Checked: WJ 17/3/22

Noted on U.T.M. Card

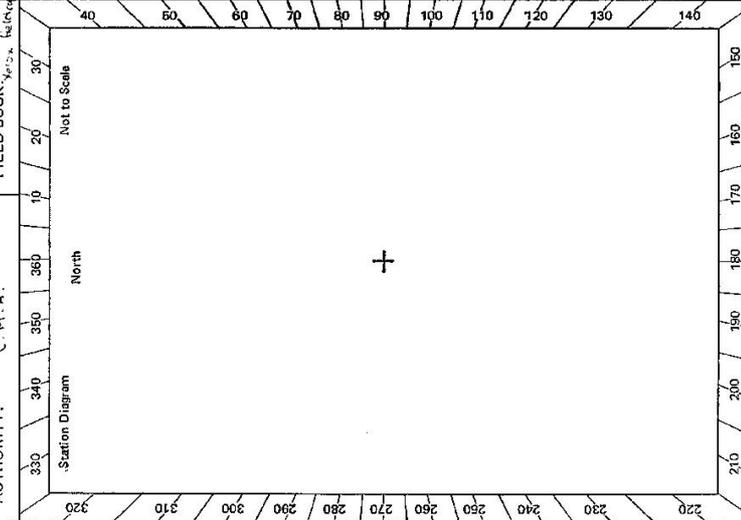
Checked

STATION: KULLATINE No.: 5544

MAPSHEET SCALE 1:250 000 HASTINGS

INSPECTED BY: M. HYMAN DATE: 8.6.79

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



Checked

SF 2733-1

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W. GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing 199M 139M 139M 139M from Trig, Mast
Note: Cross out word or words which do not apply
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. Name Plate found/not found/placed.

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

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

CRS: 1407

Prepared by: J. G. 10th March 1983 Checked: [Signature] 1-5-83

Noted on U.T.M. Card

STATION: KULLATINE GS (P) No.: 5544
 MAP SHEETS SCALE 1:250 000 HASTINGS
 INSPECTED BY: G. L. FORD DATE: 31-10-88
 AUTHORITY: C. M. A. FIELD BOOK: -

Station Diagram

Not to Scale

