

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF M.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by ~~hand~~ pruning to permit vision from Trig. Mast Pillar.
 Note: *Cross out word or words which do not apply*

2. Mast & Vanes have been painted white & black respectively. ✓
 Inspected & Painted

3. The station/pillar was ~~uninspected~~ on 7th August 1979, dimensions now being:

Description of mark Steel pillar. Pillar should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark 1.449 m. ^{above} ~~rock/concrete~~ Mark is 1.579 m. ^{above} G.L.

Height of Top Vanes to Top ~~Mast~~ Pillar plate 1.355 m. Diameter of Vanes (vertical) 0.150 m.

Height of Cairn 0.000 m. Diameter of Cairn 0.000 m. Name Plate found/~~not found~~/placed.

Length of Mast 1.462 m. (~~approximate if not certified~~)

4. A set in conc/rock has been placed/found, bearing 0.000° M from Mast/Plug/Pillar

5. A set in conc/rock has been placed/found, bearing 0.000° M from Mast/Plug/Pillar

6. A set in conc/rock has been placed/found, bearing 0.000° M from Mast/Plug/Pillar

7. A set in conc/rock has been placed/found, bearing 0.000° 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.

Prepared by:

Noted on U.T.M. Card

Checked:

20/08/1979

St 2733-1

STATION: Arthur (Pillar)	No: 5474
MAP SHEET SCALE 1:250 000	
INSPECTED BY: D.J. Kain	DATE: 7 August 1979
AUTHORITY: C.M.A.	FIELD BOOK: 1673

Station Diagram

North

330 340 350 360 370 380 390 400

Station Diagram

North

330 340 350 360 370 380 390 400

Net to Scale

40 50 60 70 80 90 100 110 120 130 140

210 200 190 180 170 160 150

Note: Original P.V.C. flange found broken on this pillar, flange was cut off mast & replaced with New P.V.C. flange. New Mast Measurements see over.

S-2738-2 D. West, Government Printer		STATION	Arthur (Pillar) 5474
<p>Beacon Diagram</p> <p>Not to Scale</p>	<p>Owner's Name: Address: Phone:</p> <p>Current Occupant: Address: Phone:</p> <p>Access Report of 19.6/19.79 was found suitable/..... ACCESS</p>		
<p>This section to be completed by officer constructing pillar.</p>			
<p>Original station mark found/not found.</p>			
<p>Description of mark:</p>			
<p>Original beacon found/not found.</p>			
<p>Description of beacon: <u>Alb. Plate</u> 1.410 m. (old measurements)</p>			
<p>Height Top of Vane to <u>Top of Plate</u>m. above G.L.</p>			
<p>Height of markm. above rock/cont. below G.L.</p>			
<p>Diameter of Vanem. Height of Cairnm.</p>			
<p>Original Beacon has/has not been destroyed by me.</p>			
Date		Record of Station	

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

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 platem. 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: Replace broken flange at base of mast.....

STANDPOINT:

STANDPOINT:

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

Prepared by:

Checked:

11.7.79

Noted on U.T.M. Card

St 2733-1

11.7.79

Checked

STATION: ARTHUR GSO P		No.: 5474	
MAP SHEET SCALE 1:250 000		SINGLETON	
INSPECTED BY: I.W. Robins		DATE: 19-6-79	
AUTHORITY: C.M.A		FIELD BOOK: 1585/17	

Station Diagram

North

New Access Only

See also action required.

+

Beacon Diagram	Not to Scale	STATION
		ARTHUR G.S.O.P. 5474-
		Owner's Name:
		Current Occupant:
		Address:
		Phone:
		ACCESS 19-6-79
		Access Report of 19.7.1976 was found unsuitable suitable. N.B. CMA Key required
		DENMAN P.O. km 0.0 Turn left 0.2 Turn right onto Muswellbrook Road 0.4 Cross Hunter River bridge 2.1 Pass Jerrys Plains turn-off on right 3.9 Pass road on right (Sydney S.P.) 16.6 Take road on right to Mitchell Line S.P. 22.2 Take track on right 26.3 Grid. Trig visible on hill with tower ahead on night 26.8 Through gate 28.0 Through open gate: cattle yards on night; coal mine on left. 30.1 Through open gate: ruins of house on left, on top of hill. 30.8 Locked gate - use CMA key 31.2 Through open gate 32.8 Through gate 34.3 Tower below trig - park. 2 min walk to trig 35.6 Accessible by 2 wheel drive vehicle; but track rough
		Date
		Record of Station

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 Vane to Top Mark:m.	
Height of mark:m. above G.L. below	
Diameter of Vane:m.	Height of Cairnm.
Original Beacon has/had not been destroyed by me.	

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing.....
 2. Mast & Vanes have been painted white & black respectively.
 3. The station/pillar was unpiled/not unpiled/constructed on.....

Note: Cross out word or words which do not apply

..... from Trig. Mast

- 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. 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:

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

Prepared by:

Checked:

Noted on U.T.M. Card

Checked

Sr 2753-1

STATION: ARTHUR (P)	No.: 5474
MAP SHEET SCALE 1:250 000	SINGLETON
INSPECTED BY:	DATE: 19.11.77
AUTHORITY: C. M. A.	FIELD BOOK:

Beacon Diagram <div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 0; right: 0; font-size: 8px;">Not to Scale</div> </div>		STATION ARTHUR (P) 5474	
Owner's Name: Address: Phone:		Current Occupant: Address: Phone:	
Access Report of <u>19/11/1977</u> was found suitable/unsuitable.		<u>ACCESS</u>	
Access of <u>19.11.77</u> kms.		Feature	
0.00		T intersection on New England Hwy. on the southern side of Muswell	
3.2		Follow sign pointing towards Denman	
7.2		Take bitumen road to the left	
8.85		Leave bitumen and take gravel track to right	
10.9		Gate. Pass open cut mine on LHS	
11.6		Gate, old brick house on left	
11.65		Take track to right downhill	
12.0		Locked gate.....Electricity Commission lock....key from	
13.6		Liddell Power Station	
15.1		Gate	
16.1		Sharp right hand bend, "roundabout"	
16.3		Relay tower, you can drive to trig from here in dry weather	
Date		Record of Station	
19.11.77		New access.....flange on mast needs replacing.	
Height Top of Vanes to Top Mark.....m.		Height of mark.....m. above G.L.	
Diameter of Vanes.....m.		Height of Cairn.....m.	
Original Beacon has/has not been destroyed by me.		Original station mark found/not found.	
Description of beacon:		Description of mark:	
Original beacon found/not found.		Original station mark found/not found.	

75 19

Department of Lands

Integrating Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

C-50

STATION

DURHAM

Arthur

15.5

5474

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 lones 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 PillarHeight of mark..... 1.45 m above ~~mark~~ concrete..... 1.45 m above G.L.Height of Top Vanes to ~~Top pillar plate~~ 1.41 m Diameter of Vanes (vertical) 0.75 m.

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

Length of Mast..... 1.52 m. (approximate if not unpiled)

5. A Trig. Plug set in conc./~~rock~~ has been placed/fd 1.99 m, bearing 70° M from Trig. ~~Mast~~ pillar6. A Copper Spike set in conc./~~rock~~ has been placed/fd 4.645 m, bearing 72° M from Trig. ~~Mast~~ pillar7. A G.I. Pipe set in conc./~~rock~~ has been placed/fd 3.100 m, bearing 110° M from Trig. ~~Mast~~ pillar8. A Drill hole set in ~~conc~~/rock has been placed/fd 26.810 m, bearing 71° M from Trig. ~~Mast~~ pillar

9. Connection Trig. Plug to Copper Spike 2.670 m, bearing 81° M

10. Connection Trig. Plug to G.I. Pipe 2.073 m, bearing 151° M

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

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

13. Diff. Hr. Trig. Plug is 1.532 m, ~~below~~ Pillar Plate14. Diff. Hr. Copper Spike is 1.456 m, ~~below~~ Pillar Plate15. Diff. Hr. G.I. Pipe is 1.200 m, ~~below~~ Pillar Plate16. Diff. Hr. Drill hole is 5.490 m, ~~below~~ Pillar Plate

Prepared by: LM Harper

Checked: MS Bailey

Co: DURHAM

Ph: WYNN

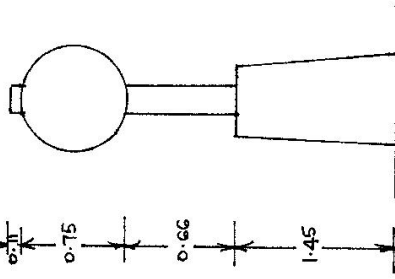
Map Sheet: MUSWELLBROOK 150,000 No: 8217

Inspected by: Alan Graham Date: 19-7-76

Authority: Integration Surveys. Field Book: ~~55289~~ 55289

Beacon Diagram

Not to Scale



Date

Record of Station

26.9.75 Erected Pillar

STATION Arthur T.S. 5474

Current Occupant.....

Address.....

Owners Name.....

Address.....

Station Diagram Not to Scale

Calcd distance Pillar to Tower (Peg at centre).

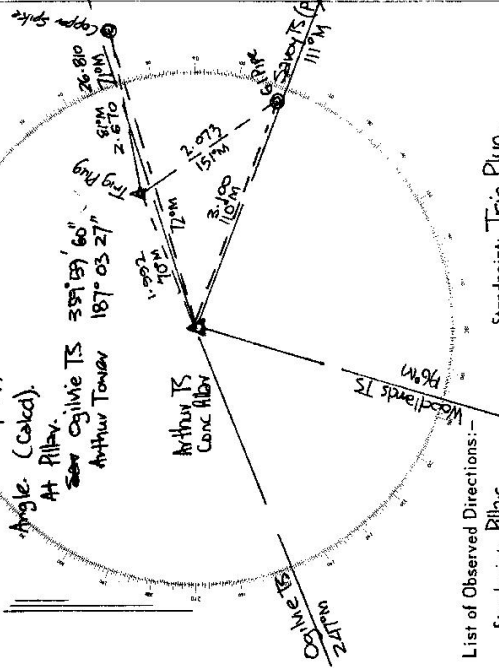
Angle (Calcd).

At Pillar.

Saw Ogilvie T.S. 359° 59' 60"

Arthur Tower 187° 05' 27"

North



List of Observed Directions:-

Standpoint: Pillar

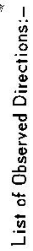
Standpoint: Trig Plug.

Station	Direction	Station	Direction
Ogilvie T.S.	359° 59' 60"	Ogilvie T.S.	359° 59' 60"
Arthur T.S. Trig Plug	187° 05' 27"	Arthur T.S. Pillar	2° 56' 08"
Copper Spike	188° 48' 31"	Copper Spike	73° 10' 52"
G.I. Pipe	224° 12' 59"	Savoy T.S. (Pillar)	235° 23' 04"
Savoy T.S. (Pillar)	225° 21' 17"	G.I. Pipe	263° 34' 54"

Pillar

Drill Hole.

Station	Direction	Station	Direction
Ogilvie T.S.	359° 59' 60"	Woodlands T.S.	359° 59' 60"
Drill Hole	183° 46' 07"	Copper Spike	47° 41' 01"
Copper Spike	188° 47' 56"	Arthur T.S. (Pillar)	48° 43' 56"
Savoy T.S. Pillar	225° 21' 10"	Peg (under Tower)	235° 24' 48"
Woodlands T.S.	344° 58' 09"		

Access 22/10/75[illegible]

STATION ARTHUR (PILLAR) T.S. 5474

Owners Name: SUTATEDO, ON. CROWN LAND Current Occupant:

Address:

Address:

Access 27-9-75

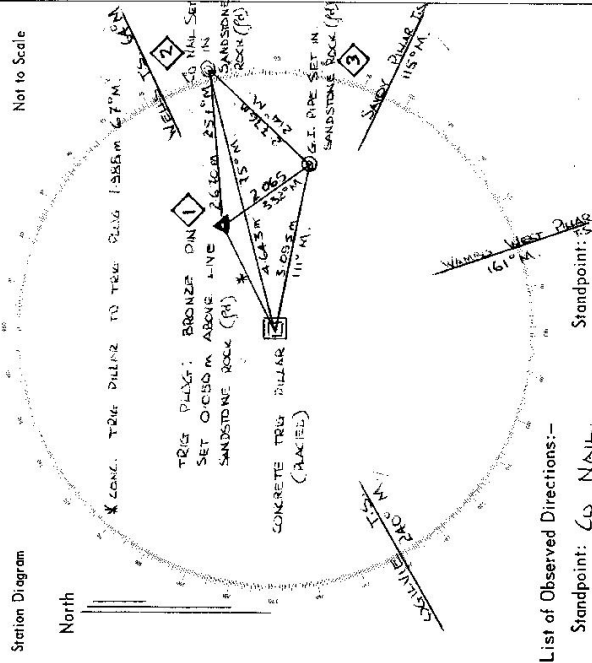
OBSERVED DIRECTIONS:

STANDPOINT: CONC TRIG PILLAR

STATION	DIRECTION
OGILVIE T.S.	0 00 00
WAMBO WEST PILLAR T.S.	272 42 18
SAVOY PILLAR T.S.	225 21 10
C.I. PIPE	224 14 10
COPPER NAIL	188 48 24
TRIG PILE	183 02 02
GRASSTREE T.S.	175 15 00

STANDPOINT: TRIG PILE

STATION	DIRECTION
OGILVIE T.S.	0 00 00
CONC. TRIG PILLAR	3 02 01
GRASSTREE T.S.	175 17 52
COPPER NAIL	183 05 15
SAVOY PILLAR T.S.	225 22 20
C.I. PIPE	263 30 06
WAMBO WEST PILLAR T.S.	272 42 04



List of Observed Directions:-

Station	Direction	Station	Direction
SAVOY PILLAR T.S.	0 00 00	OGILVIE T.S.	0 00 00
C.I. PIPE	224 14 10	WAMBO WEST PILLAR T.S.	272 42 18
CONC. TRIG PILLAR	3 02 01	GRASSTREE T.S.	175 17 52
TRIG PILE	183 02 02	COPPER NAIL	188 48 24
WELLS T.S.	360 54 26	SAVOY PILLAR T.S.	225 21 10

Station	Direction	Station	Direction
FOR FURTHER OBS	SEE ADJACENT		

STATION ARTHUR (PILLAR) T.S. - 5474

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

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

Access Access To ARTHUR (Pillar) TS FROM MUSWELLBROOK PET OFFICE

AT MUSWELLBROOK P.O. AT 100 MILES TRAVELLING SOUTH TOWARDS
DENNY / SYDNEY ROAD.MILEAGE

0.10
0.25
1.75
2.35
4.50
5.20
5.55
7.25
7.35
7.70
7.75
7.95

FEATURE

TRAVEL UNDER RAILWAY LINE.
PASS NEWCASTLE / SYDNEY ROAD ON YOUR LEFT
PASS OVER BRIDGE OVER "RAILROAD CREEK"
TAKE SEALED ROAD TO YOUR LEFT, SIGN "100 THROUGH BRIDGE"
TAKE GRAVEL ROAD OFF TO YOUR RIGHT
PASS OVER STEEL GRID
THROUGH IRON GATE.
THROUGH IRON GATE, CATTLE YARD AND SHED ON RIGHT
TAKE RIGHT FORK IN TRACKS
THROUGH WOODEN GATE, OLD HOUSE ON YOUR LEFT
TAKE TRACK TO RIGHT
LOCKED IRON GATE. KEY TO THIS GATE CAN BE OBTAINED FROM
MR. BOB SIMPLE, TRANSMISSION COMMUNICATIONS AT LONG BRIDGE
THROUGH IRON GATE, FOLLOW GOOD TRACK
THROUGH IRON GATE, FOLLOW GOOD TRACK UP RIDGE.
END OF TRACK AT PINK TOWER.

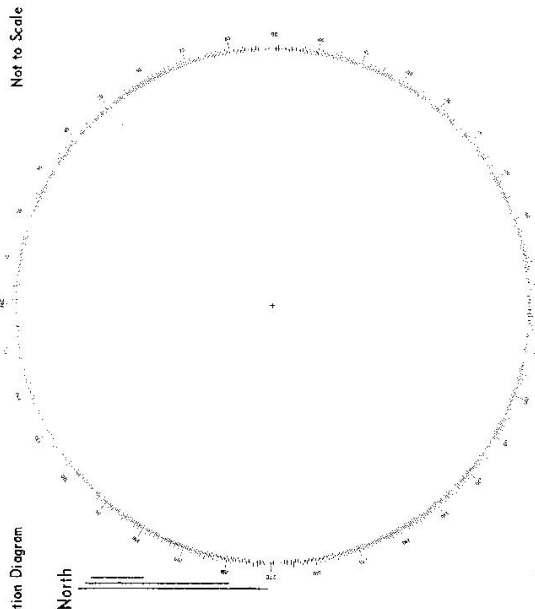
TWO (2) MINUTES EASY WALK TO TRIP PILLAR.

THIS STATION COULD BE DRIVEN TO BY STATION SEDAN TYPE VEHICLE IN DRY WEATHER

Station Diagram

Not to Scale

North



List of Observed Directions:-

Standpoint:

Station	Direction	Station	Direction

Station	Direction	Station	Direction

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..... should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark..... m above 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

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

Checked

Co:

Map Sheet:

Inspected by:

Authority:

Beacon Diagram

Not to Scale

Date

Record of Station

STATION ARTHUR (DILLAS) T.S. 5474