

CENTRAL MAPPING AUTHORITY  
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION CRAWNEY O.P. TS 5476

Co: PARRY Ph: CRAWNEY  
Map Sheet: MURRUMBUNDI NORTH No: 9034-N  
Inspected by: C. J. BROWN Date: 28/05/2022  
Authority: C. M. A. Field Book: 1457  
Beacon Diagram Not to Scale

This Trig. Station has been:- Note: Cross out word or words which do not apply

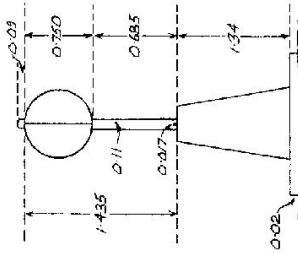
- X Completely cleared to permit 360° vision to surrounding Trigs.
- 2 Cleared by lanes bearing ..... from Trig. Mast
- 3 Trig. Mast & Vanes have been painted white & black respectively.
- 4 The Trig. was unpiled/~~not unpiled~~, dimensions now being: \_\_\_\_\_

Description of mark: Concrete Observation Pillar..... should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe  
Height of mark..... m <sup>above</sup> <sub>below</sub> rock/concrete ..... 1.365 m <sup>above</sup> <sub>below</sub> G.L.  
Height of Top Vanes to Top Mark ..... 1.435 m. Diameter of Vanes (vertical) 0.750 m.  
Height of Cairn..... m. Diameter of Cairn..... m.

- Length of Mast ..... 0.685 m. (approximate if not unpiled)
- 5. A Trig. Plug set in conc/rock has been placed. 2.854 m. bearing ..... 25° M from Trig. Mast
- 6. A G.I. Pipe set in conc/soil has been placed. 5.190 m. bearing ..... 33° M from Trig. Mast
- 7. Astro Pillar set in conc/soil has been placed. 8.218 m. bearing ..... 42° M from Trig. Mast
- 8. A ..... set in conc/rock has been placed ..... m. bearing ..... °M from Trig. Mast
- 9. Connection Trig. Plug to G.I. Pipe : 2.401 m. bearing ..... 43° M
- 10. Connection Trig. Plug to Astro Pillar : 5.542 m. bearing ..... 50° M

- 11. Connection..... to..... : ..... m. bearing ..... °M
- 12. Connection..... to..... : ..... m. bearing ..... °M
- 13. Diff. Ht. Brass Trig Plug in Conc is 1.294 m. <sup>above</sup> <sub>below</sub> Pillar Plate
- 14. Diff. Ht. G.I. Pipe in Soil is 1.311 m. <sup>above</sup> <sub>below</sub> Pillar Plate
- 15. Diff. Ht. C.M.A. Astro Pillar is 0.206 m. <sup>above</sup> <sub>below</sub> Pillar Plate
- 16. Diff. Ht. .... is ..... m. <sup>above</sup> <sub>below</sub> .....

Prepared by: C. J. Brown Checked: \_\_\_\_\_  
Noted on U.I.M. Card



Date	Record of Station

Checked



CENTRAL MAPPING AUTHORITY  
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION **CRANNEY (Pillar) TS 5476**

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/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 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)

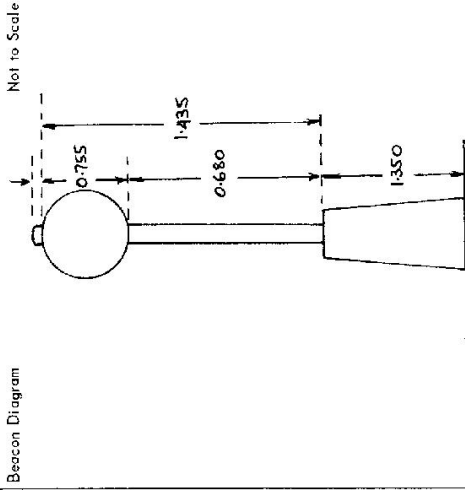
5. A..... set in conc/rock has been placed..... m. bearing.....°M from Trig. Mast
6. A..... set in conc/soil has been placed..... m. bearing.....°M from Trig. Mast
7. A..... set in conc/soil has been placed..... m. bearing.....°M from Trig. Mast
8. A..... set in conc/rock has been placed..... m. bearing.....°M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

Noted on U.T.M. Card

Checked:

Co: **Parry** | Ph: **Cranney**  
 Map Sheet: **MURBURUNDI** | No: **9034**  
 Inspected by: **A. Gerard** | Date: **1.5.77**  
 Authority: **C.M.A.** | Field Book: ~



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:-

1. Completely cleared to permit 360° vision to surrounding signs & over are reduced to M.S. Level.
2. Cleared by lanes bearing 16° 12' 12" N, 136° 18' 16" W, 203° 27' 29" W, 267° 29' 1" W; from Trig. Mast & 298° 14' 0" W (Pole at 15° W)
3. Trig. Mast & Vanes have been painted white & black respectively. Pillar itself requires painting.
4. The Trig. was unpiled, cast-steel, dimensions now being (Original Bronze Plug Found) (S/Steel Pillar Spiggot & Plate) Top of plug is 0.040 m above Rock

Description of mark (in concrete. Obs. PILLAR. EG. should be explicit, e.g. Steel plug, Brass plug, Belt, G.I. Pipe)

Height of mark P/Plate 1.325 m above rock, concrete  
Height of Top Vanes to Top Mark 1.435 m  
Height of Cairn Diameter of Cairn m.  
Diameter of Vanes (vertical) 0.750 m.

- Length of Mast 1.525 m. (approximate if not supplied) (including Endcap)
5. A. PLUG } set in conc/rock has been placed 2.853 m. bearing 26° 0' M from Trig. Mast found
  6. A. G.I. Pipe } set in conc/soil has been placed 3.243 m. bearing 107° 0' M from Trig. Mast found
  7. A. S.S.M. } set in conc/soil has been placed 3.120 m. bearing 296° 0' M from Trig. Mast found
  8. Astro } set in conc/rock has been placed 8.215 m. bearing 42° 0' M from Trig. Mast found
  9. Connection PLUG to S.S.M. 4.227 m. bearing 253° 0' M
  10. Connection PLUG to G.I. Pipe 3.975 m. bearing 152° 0' M
  11. Connection PLUG to Pillar 5.540 m. bearing 51° 0' M
  12. Connection to bearing 0' M
  13. Diff. Ht. Top Bronze PLUG is 1.293 m. below Pillar Plate (Steel)
  14. Diff. Ht. Astro Pillar Plate is 0.205 m. below Steel Pillar Plate
  15. Diff. Ht. S.S.M. 9228 is 1.417 m. below Steel Pillar Plate
  16. Diff. Ht. G.I. Pipe is 1.490 m. below Steel Pillar Plate

Prepared by: *[Signature]* Checked: *[Signature]* Noted on U.T.M. Card

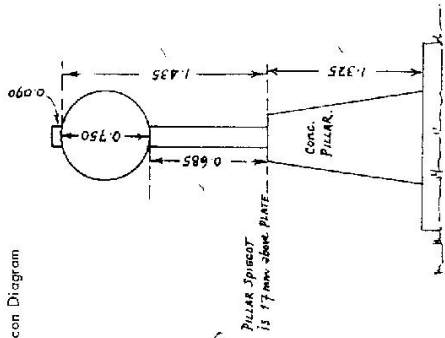
STATION CRAWNEY (PILLAR) # 5476

Co: Parry Ph: Crawney

Map Sheet: TAWMORTH 1:250000 No:

Inspected by: H.P. Jackson Date: August, 1978  
Authority: *[Signature]* Field Book: 1615 ✓

Beacon Diagram Not to Scale



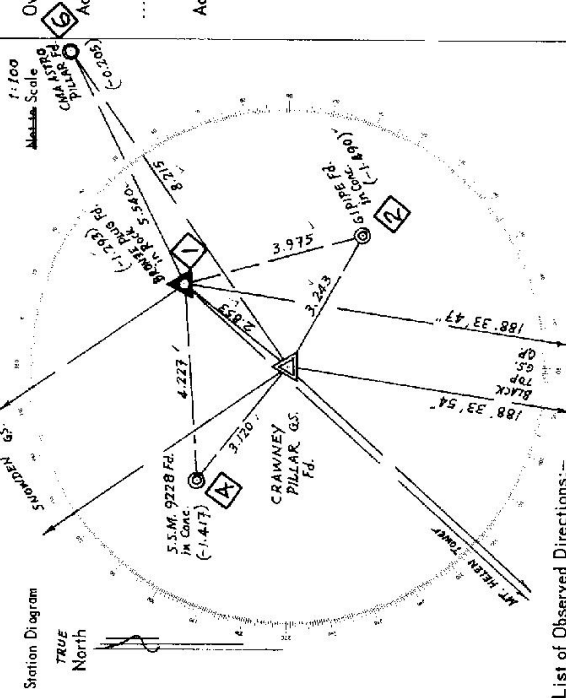
Date Record of Station

Checked

STATION CRAWNEY (PILLAR) #5476

Current Occupant: ELECTRICITY COMMISSION  
 of N.S.W.  
 Address: 50000, 60000, Road,  
 TAMMORTH

Owners Name: .....  
 Address: .....  
 Access August 1978



List of Observed Directions:-

Standpoint: Bronze PLUG		Standpoint: S/Steel Spiggot & Plate	
Station	Direction	Station	Direction
BLACK TOP GS OP	188° 33' 54"	BLACK TOP GS OP	188° 33' 47"
Pillar Spiggot	218° 37' 54"	S.S.M. 9228	308° 38' 57"
S.S.M. 9228	266° 11' 53"	Bronze PLUG	38° 37' 24"
CMA Astro Pillar	63° 33' 26"	CMA Astro Pillar	55° 08' 24"
G.I. Pipe	164° 50' 27"	G.I. Pipe	119° 40' 56"
MT. HELEN TOWER	222° 21' 38"	MT. HELEN TOWER	222° 21' 38"
SNOWDEN GS	325° 35' 29"	SNOWDEN GS	325° 36' 17"
		WISSENSSET GS	143° 54' 42"

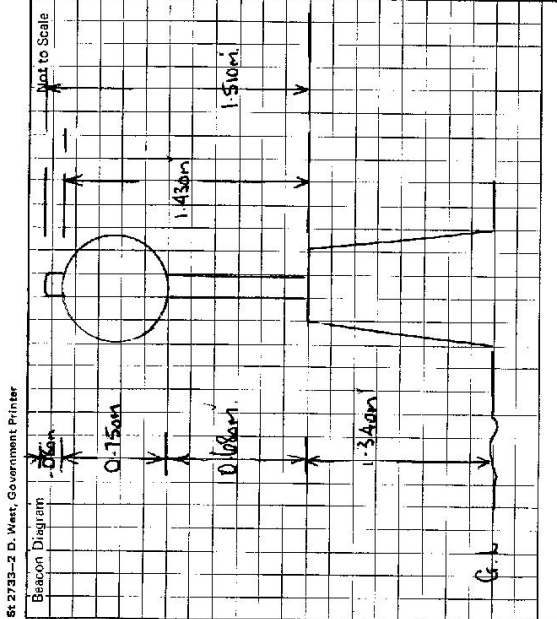


STATION CRAWNEY (Pillar) TS-5476

Owner's Name: .....  
 Current Occupant: .....  
 Address: .....  
 Phone: .....  
 ACCESS  
 Phone: .....

Access Report of M.B.1917 was found suitable/unsuitable.  
 Access to Crawney (Pillar) G.S  
 At Post Office Nundle and at Sign, Crawney 18 kms AT  
 0.0 kms Take This Road  
 Kilometres  
 0.15 Pass Nundle Creek Road on your left.  
 4.35 Pass HEAD OF PEEL Road on your left.  
 4.55 Cross over Peel River Bridge.  
 7.60 Travel straight ahead at Sign Crawney Pass II.  
 11.85 Pass Brooklyn Property on your R.H.S.  
 12.65 Turn up track to Right at Sign Mr. Crawney - Radio Repeater.  
 13.75 Locked Iron gate. This gate is filled with C.M.A. padlock & Electricity Commission padlock.  
 15.25 Through steel gate.  
 19.80 Through steel gate.  
 23.05 Leave vehicle at compound gate, about 1 minute walk around fence to trig station type vehicle.  
 23.30

dry weather access to station through land owned by Mr. Ken Murchison, Est. Ltd. Phone: 695543.  
 Part of access passes through Kaituma - Atlanta.  
 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 Vanes to Trip Mark: ..... m.  
 Height of mark: ..... m. above G.L. / ..... m. below G.L.  
 Diameter of Vanes: ..... m. Height of Cairn: ..... m.  
 Original Beacon has/has not been destroyed by me.



CENTRAL MAPPING AUTHORITY  
 GEODETIC SURVEY OF NSW  
 GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

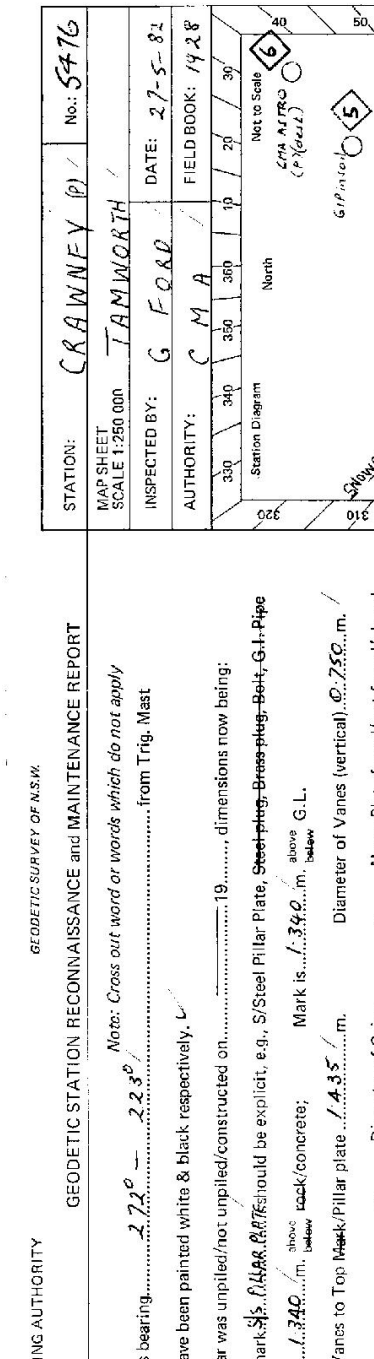
STATION: **CRAWNEY (P)** / No.: **5476**  
 MAP SHEET SCALE 1:250 000 **TAMWORTH**  
 INSPECTED BY: **G F O A D** / DATE: **27-5-82**  
 AUTHORITY: **C M A** / FIELD BOOK: **1428**

Description:  
 1. Cleared by lanes bearing **272° - 223°** *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 **S/S. PILLAR. PLUG** should be explicit, e.g., S/Steel Pillar Plate, **Steel Plug, Brass Plug, Bolt, G.I. Pipe**  
 Height of mark **1.340** m. above **rock/concrete**; Mark is **1.340** m. above **G.L.**  
 Height of Top Vanes to Top **Mark/Pillar plate** **1.435** m. Diameter of Vanes (vertical) **0.250** m.  
 Height of Cairn **0** m. Diameter of Cairn **0** m. Name Plate found/not-found/placed.  
 Length of Mast **0** m. (approximate if not unpiled)

- A. **B.M.S.S. TRIG. PLUG** set in **conc/rock** has been **placed**/found, bearing **24.0°** M from **Mast/Plug/Pillar**
- A. **S.S.M. 9228** set in **conc/rock** has been **placed**/found, bearing **327.0°** M from **Mast/Plug/Pillar**
- A. **G.I. PIPE (1)** set in **conc/rock** has been **placed**/found, bearing **110.0°** M from **Mast/Plug/Pillar**
- A. **G.I. PIPE (2)** set in **conc/rock** has been **placed**/found, bearing **252.0°** M from **Mast/Plug/Pillar**
- Action required: **Two or three trees on line to double from G.I. Pipe (2). Free hole land of from owner to cut.**

STANDPOINT: CONCRETE PILLAR			STANDPOINT: TRIG. PLUG			
Mark	Direction	HORIZ. Distance	Height Difference	Direction	HORIZ. Distance	Height Difference
SNOWDEN (6.5)	0 00 00		above standpt.	0 00 00		above standpt.
TRIG. PLUG	73 02 20	2.853	below standpt.	199 13 40	3.974	below standpt.
G.I. PIPE (1)	154 06 00	3.250	below standpt.	230 52 20		below standpt.
HAMMOND (P)	230 57 00		above standpt.	253 04 00	2.852	above standpt.
TEMI (P)	263 02 30		above standpt.	263 03 20		above standpt.
G.I. PIPE (2)	298 14 30	3.80	below standpt.	295 20 20	4.01	below standpt.
S.S.M. 9228	343 01 20	3.120	below standpt.	300 38 20	4.228	below standpt.

Prepared by: **S. J. Bond**  
 Checked: **Ch. J. Bond**  
 Noted on U.T.M. Card

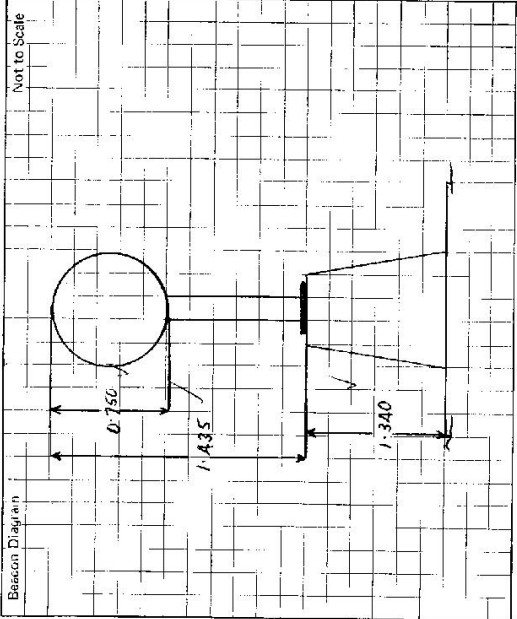


Station Diagram  
 Not to Scale  
 C.M.A. A.T.P.O.  
 (P) (G.S.L.)

Checked

sr 2728-1

S:2753-2 D. West, Government Printer



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 Mark .....m.  
 above G.L.  
 below rock/scene .....m.

Height of mark .....m.  
 above G.L.  
 below .....m.

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

Original Beacon has/has not been destroyed by me.

STATION **CRAWNEY (D) TS 5476**

OWNER'S NAME: **OWNED ON NORTH SIDE FENCE**

COMPANY: **N. C. GOLLAND**

ADDRESS: **S SHAPE ST. CHIRINDI**

(TIMBER ON LINE TO DONOR MR. DELAND 25.7.2018)

PHONE: **081 827 7**

PHONE ACCESS: **ELECTRICITY CONNET... MAINTENANCED**

ACCESS

ACCESS REPORT OF 18/10/1978 WAS FOUND SUITABLE FOR...  
 AT P.O. NUNDLE AND AT SIGN 'CRAWNEY 18AMS A7.0.0AMS TAKE THIS ROAD'

ALPHABETIC

0 15 PASS 'NUNDLE CREEK' ROAD ON YOUR LEFT

4 35 PASS 'HEAD OF PEEL' " " "

4 55 CROSS OVER 'PEEL RIVER BRIDGE'

7 60 TRAVEL STRAIGHT AHEAD AT SIGN 'CRAWNEY PASS II'

11 85 PASS BROOMLYN PROPERTY ON YOUR R.H.S (LAND OWNER)

12 65 TURN UP TRACK TO RIGHT AT SIGN 'MT CRAWNEY - RADIO REPEATER STATION'

13 75 LOCKED IRON GATE. CIMA PHOENIX & ELECTRICITY COMMISSION PARADEL  
 (ROAD MAINTENANCED BY ELECTRICITY COMML GATES TO BE REPLACED BY GRID)

15 25 GATE

19 80 GATE

23 05 GATE

23 30 LEAVE VEHICLE AT COMPOUND GATE ABOUT 1/2 MILE WALK AROUND  
 FENCE TO TRAIL

DRY WEATHACK ACCESS TO STATION SEDAN TYPE VEHICLE

Date	Record of Station

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

Note: Cross out word or words which do not apply

1. Cleared by lanes bearing..... 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. <sup>above</sup> rock/concrete; Mark is.....m. <sup>above</sup> 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				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: O. Hoey

Checked: AS 363183

Noted on U.T.M. Card

S: 2733-1

STATION: **CRAWNEY** No.: **5476**

MAP SHEET **TRAMWORTH**

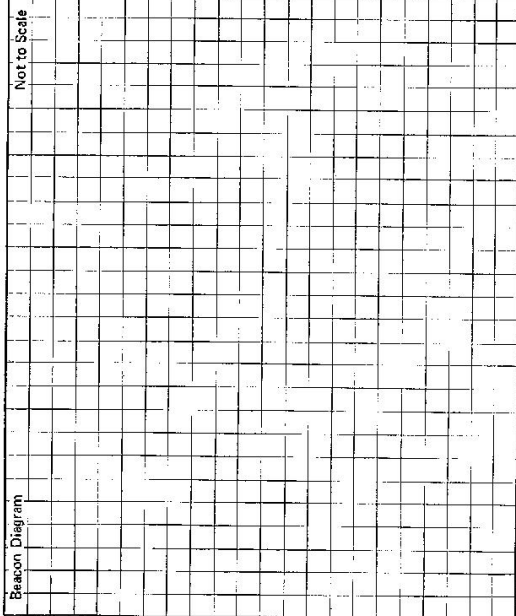
INSPECTED BY: **C. ZFANA** DATE: **31.5.82**

AUTHORITY: **C.M.A.** FIELD BOOK: **---**

Station Diagram

Checked

81 2723-2 D. West, Government Printer



STATION CRAWNEY 5476

OWNER ON NORTH SIDE OF FENCE  
 Current Occupant: N.G. COLLINS  
 Address: 5 SHARPE ST  
GLINDINDI  
 Phone: 467627  
CMA LOCK AT 13.3

Owner's Name: BROOKLYN PROPERTY  
 Address: ROAD MAINTAINED BY ELECTRICITY  
COMMISSION  
 Phone: 31-8-1982

Access Report of 7.3.1988 was found unreadable/unsuitable.  
 AT RD. NUNBLE AND AT SIGN 'CRAWNEY 18km' - 0.00 TAKE THIS ROAD

- 1.15 PASS "NUNBLE CREEK ROAD" ON LEFT
- 5.20 PASS "HEAD OF PEEL ROAD" ON LEFT
- 5.40 CROSS OVER PEEL RIVER BRIDGE
- 8.40 TRAVEL STARTED AHEAD AT SIGN 'CRAWNEY PASS II'
- 12.60 PASS BROOKLYN PROPERTY ON YOUR RHS (LAND OWNER)
- 13.20 TURN UP TRACK TO RIGHT AT SIGN "MT CRAWNEY RADIO REPEATER STATION"
- 13.30 LOCKED IRON GATE. END BRIDGE & ELECTRICITY COMMISSION LOCK.
- 14.70 GATE & FENCE OPENING
- 16.3, 17.4, 19.3, 21.4 GRASS
- 22.6 LEAVE VEHICLE AT EMBANKMENT GATE - ABOUT 1/2 MIN. WALK AROUND FENCE TO TREE

DAY WEATHER ACCESS TO STATION IN SEVERAL TYPE VEHICLE

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 Mark .....m.  
 Height of mark: .....m. above rock/stone .....m. below G.L.  
 Diameter of Vanes .....m. Height of Cairn .....m.  
 Original Beacon has/has not been destroyed by me.

Date	Record of Station

GEODETTIC SURVEY OF A.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by Janes bearing  $143/100$   $50^\circ$   $22'$   $27.0''$   $35.6''$  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  $\dots$  should be explicit, e.g. S/Steel Pillar Plate, Steel-plug, Brass-plug, Bott; G.I. Pipe

Height of mark  $\dots$  m. <sup>above</sup>  $\dots$  m. <sup>below</sup> G.L.  
 Height of Top Vanes to Top Mark/Pillar plate  $\dots$  m. Diameter of Vanes (vertical)  $\dots$  m.  
 Height of Cairn  $\dots$  m. Diameter of Cairn  $\dots$  m. Name Plate found/~~not found~~/placed.  
 Length of Mast  $\dots$  m. (approximate if not unpiled)

4. A. ~~SSM~~  $922.8$  set in conc/reek has been placed/found, bearing  $\dots^\circ$   $\dots'$   $\dots''$  M from Mast/Plug/Pillar
5. A. ~~BRASS TRIG. PILLAR~~ set in conc/rock has been placed/found, bearing  $\dots^\circ$   $\dots'$   $\dots''$  M from Mast/Plug/Pillar
6. A. ~~SATINITE PILLAR~~ set in conc/rock has been placed/found, bearing  $\dots^\circ$   $\dots'$   $\dots''$  M from Mast/Plug/Pillar
7. A.  $\dots$  set in conc/rock has been placed/found, bearing  $\dots^\circ$   $\dots'$   $\dots''$  M from Mast/Plug/Pillar
8. Action required:  $\dots$

STANDPOINT:

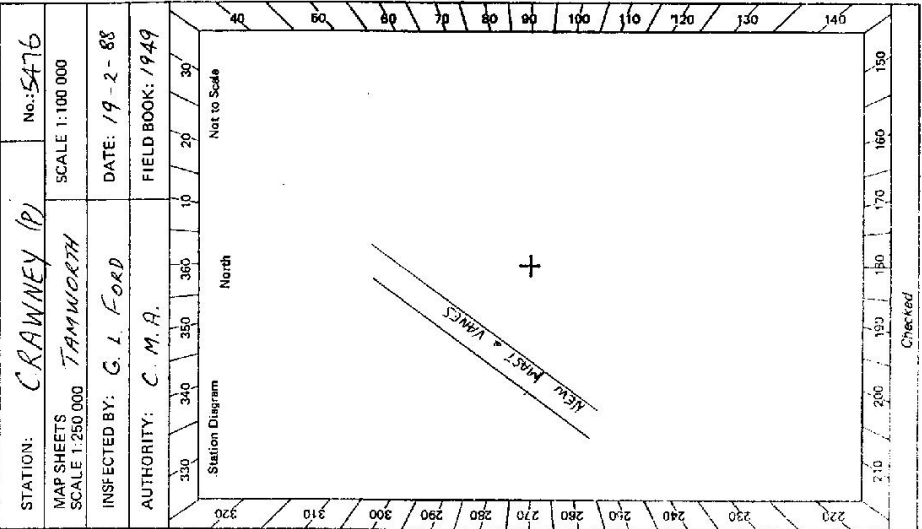
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt				above standpt
			below standpt				below standpt
			above standpt				above standpt
			below standpt				below standpt
			above standpt				above standpt
			below standpt				below standpt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

Prepared by: G. Ford.

Checked: R. O'Farrell 6/7/88

Noted on U.T.M. Chart

Checked



STATION: CRAWNEY (P) No. 5476

MAP SHEETS SCALE 1:250 000 TANNMORRH SCALE 1:100 000

INSPECTED BY: G. I. Ford DATE: 19-2-88

AUTHORITY: C. M. A. FIELD BOOK: 1949

Station Diagram

North

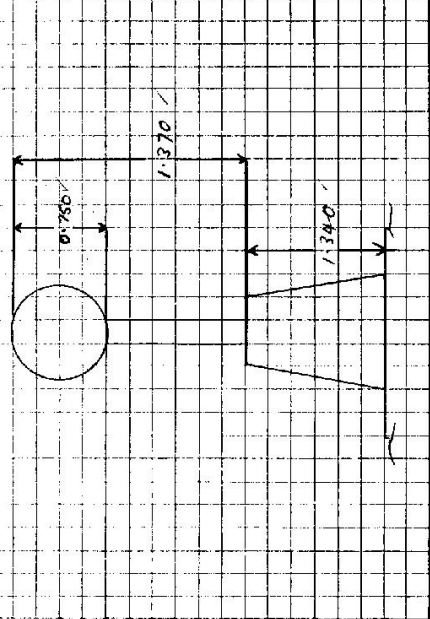
Not to Scale

STATION CRAWNEY (P) IS-5476

Owner's Name .....  
 Address .....  
 Phone: .....  
 Current Occupant:  
 Address .....  
 Phone: .....

ACCESS  
 Access Report of 11.2.19 was found suitable/unavailable.

Not to Scale  
 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 Mark .....m.

Height of mark .....m. above rock/conc. ....m. below G.L.

Diameter of Vanes .....m.

Height of Cairn .....m.

Original Beacon has/has not been destroyed by me.

Date	Record of Station