

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 206° M. and 215° M. and 335° M. to 353° M. 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..... Pillar. Plate..... should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
  - Height of mark..... m. above ~~rock/concrete~~ <sup>above</sup> ~~below~~ <sup>G.L.</sup> 2.42 m
  - Height of Top Vanes to Top Mark 1.497 m. Diameter of Vanes (vertical) 0.155 m.
  - Height of ~~Center~~ <sup>Pillar</sup>..... m. Diameter of ~~Center~~ <sup>Center</sup>..... 0.55 m. Square
  - Length of Mast 1.497 m. (approximate if not unpiled)

5. A. Gal. Pipe set in conc./rock has been placed. A. 0.45 m. bearing 176° M. from Trig. Mast
6. A. Trig. Plug set in conc./soil has been placed. 3.190 m. bearing 218° 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. Gal. Pipe. to Trig. Plug: 2.690 m. bearing 304° M
10. Connection..... to..... m. bearing..... M
11. Connection..... to..... m. bearing..... M
12. Connection..... to..... m. bearing..... M
13. Diff. Ht. Gal. Pipe in Conc. is 2.340 m. <sup>above</sup> ~~below~~ Below. Pillar. Plate.
14. Diff. Ht. Old Trig. Plug is 2.224 m. <sup>above</sup> ~~below~~ Below. Pillar. Plate
15. Diff. Ht. Old Trig. Plug is 0.116 m. <sup>above</sup> ~~below~~ Above. Gal. Pipe.
16. Diff. Ht. .... is..... m. <sup>above</sup> ~~below~~ .....

Prepared by: *J. Judge* Checked: \_\_\_\_\_

Noted on U.T.M. Card *John Pines*

STATION RANKIN TS 5180

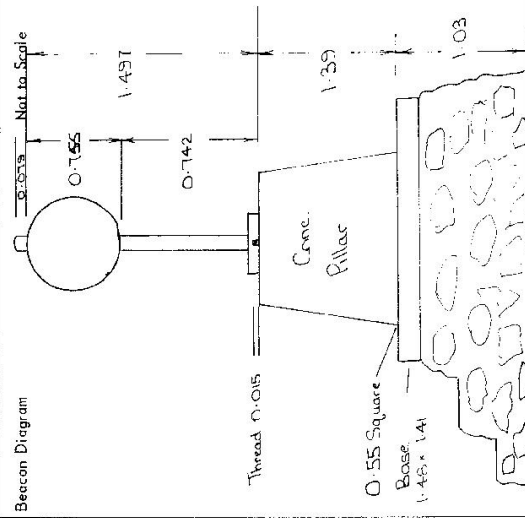
Co: Roxburgh Bathurst S. Ph: Sedburgh

Map Sheet: Bathurst S. No: 8831 S

Inspected by: J. Judge Date: 4-12-14

Authority: C.M.A. Field Book: AB1379

Beacon Diagram



Date \_\_\_\_\_

Record of Station

Checked \_\_\_\_\_

16/1/15

STATION RANKIN T.S. 5180

Owners Name... I.R. 19130

Address.....

Access 4-12-1974

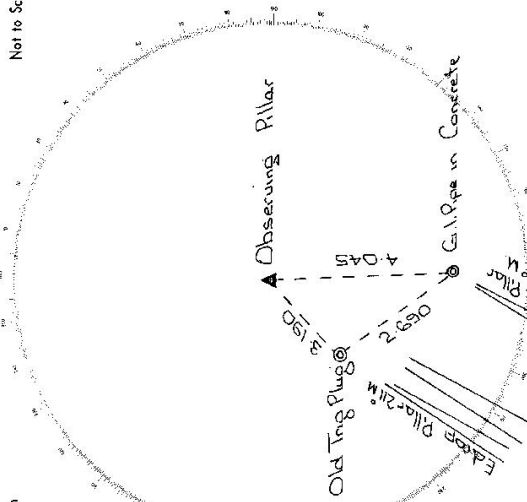
Current Occupant..... Reserve vs. leased

Address..... by people who live in house 1/2 km to N.W. of trig.

Not to Scale

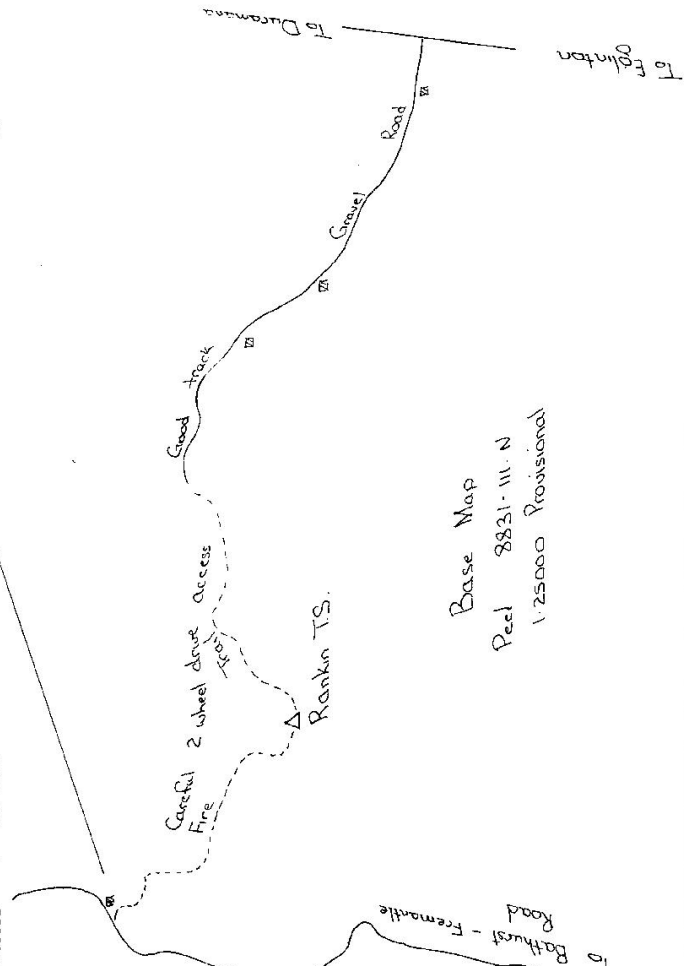
Station Diagram

North  
M M



List of Observed Directions:-

Station	Direction	Station	Direction
Rocks Pillar	0 00 00	Rocks Pillar	0 00 00
Edrop Pillar	4 08 33	Edrop Pillar	4 08 46
Pillar Plate	192 07	Trig Plug	12 06
G.I. Pipe in Conc.	218 31	G.I. Pipe in Conc.	330 32
Standpoint: C.I. Pipe in Conc.			
Station	Direction	Station	Direction
Rocks Pillar	0 00 00		
Edrop Pillar	4 10 17		
Trig. Plug	38 38		
Pillar Plate	150 31		



Base Map

Peel 8831-111 N  
1:25000 Provisional



STATION **RANK ' (P)** TS 5180

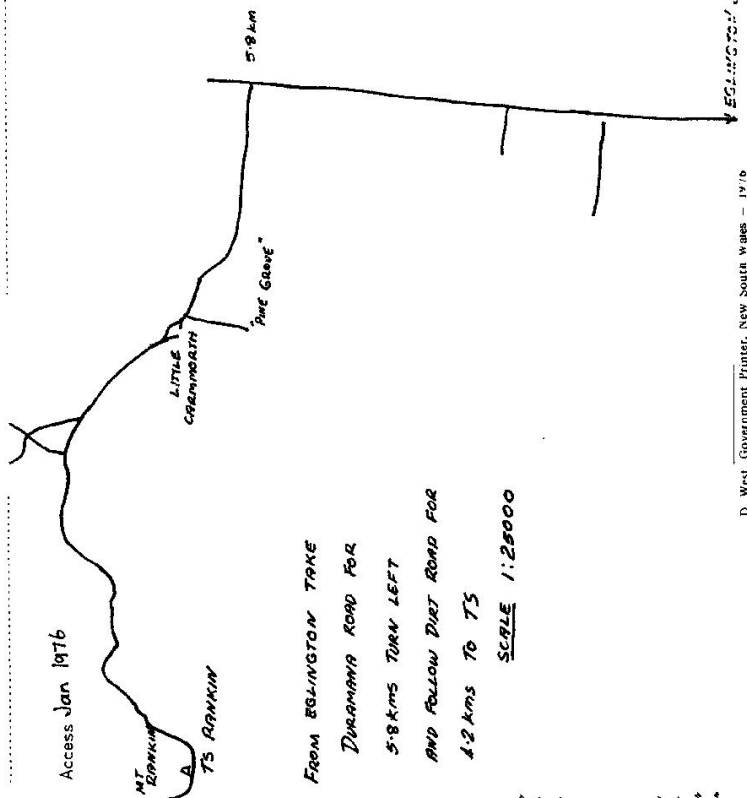
Current Occupant.....

Address.....

Owners Name.....

Address.....

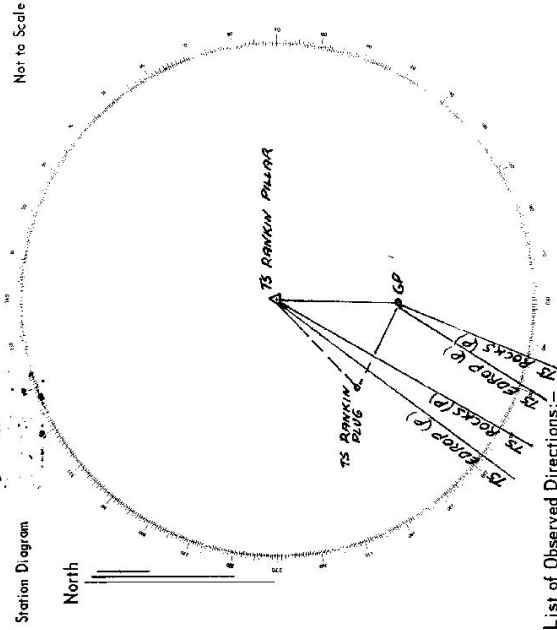
Access Jan 1976



FROM EGLINGTON TAKE  
 DURAMANA ROAD FOR  
 5.8 KMS TURN LEFT  
 AND FOLLOW DIET ROAD FOR  
 4.2 KMS TO TS  
 SCALE 1:25000

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

Not to Scale



List of Observed Directions:-

Standpoint: PULLAR	
Station	Direction
TS ROCKS (P)	359° 59' 60"
TS EDROP (P)	4° 08' 48"
TS RANKIN (PUG)	12° 06' 46"
TS RANKIN GP	330° 32' 49"
Standpoint: GP	
Station	Direction
TS ROCKS (P)	359° 59' 60"
TS EDROP (P)	4° 10' 18"
TS RANKIN (PUG)	98° 57' 28"
TS RANKIN (P)	150° 32' 46"

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 Trips.
2. Cleared by lances bearing 205° to 215° Azim 345° to 355° from Trig. Mast Hill.
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/not unpiled, dimensions now being: *205° to 215° Azim 345° to 355°* from Trig. Mast Hill.

Description of mark *Conc. Ch. 110m H.* should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

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

Height of Top Vanes to Top Mark *1.430* 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: *P. Jones 28/11/76* Checked: *P. Jones 29/1/76* Noted on U.T.M. Card

74-99

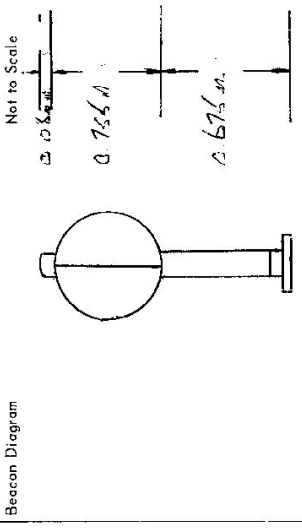
STATION *RANKIN CS HILL TS 5180*

Co: *ROXBURGH* Ph: *ROXBURGH*

Map Sheet: *OPAN 66* No: *8731*

Inspected by: *P. Jones* Date: *24/11/76*

Authority: *C.M.A.* Field Book: *61524*



Date: *28/11/76* Record of Station

*A. New Mast. Mast. Pillars to be cleared. ROXBURGH*

Checked









STATION <b>KANKIN CS DR TS 5180</b>	Owner's Name: <b>MR. H. VALLEY</b> Address: <b>KANKIN CS</b> Phone: ..... Current Occupant: ..... Address: ..... Phone: .....
Access Report of <b>29.3/1978</b> was found suitable/unsuitable. <b>ACCESS</b> <b>1.00</b> TO EQUILIBRIUM HEAD WEST TOWARDS FISHWANTLE / <b>0.30</b> TURN RIGHT - ALEXANDER STREET / <b>1.10</b> TURN LEFT / <b>1.30</b> TURN RIGHT SIGN HILL END / <b>1.70</b> TURN LEFT SIGN F.WHALAN J.A. SACCHENT / <b>1.50</b> TURN RIGHT / <b>8.50</b> TURN LEFT / <b>8.70</b> DOUBLE TURN CURVE / <b>9.10</b> TURN CURVE / <b>9.90</b> TURN CURVE / <b>10.70</b> SIGN ON LEFT / <b>11.20</b> TURN CURVE / <b>11.90</b> CIRCULAR STATION KANKIN /	CONTINUE DOWN ROAD UNTILL YOU MEET MT. KANKIN ROAD WE GO LEFT HOUSE ON RIGHT /
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 / below G.L. Diameter of Vanes .....m. Height of Cairn .....m. Original Beacon has/had not been destroyed by me.
Date	Record of Station

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: RANKIN G.S. No.: 5180

Description:

Note: Cross out word or words which do not apply

- Cleared by lanes bearing  $322^{\circ}$  M to  $60^{\circ}$  M,  $106^{\circ}$  M to  $110^{\circ}$  M,  $147^{\circ}$  M to  $158^{\circ}$  M from Trig. Mast  $210^{\circ}$  M to  $216^{\circ}$  M.
- Mast & Vanes have been painted white & black respectively.
- The station/pillar was ~~unpainted~~ ~~not unpainted~~ /constructed on  $23/09/1974$ , dimensions now being: Description of mark  $3/4 \times 3/4 \times 0.14$  m. should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe  
Height of mark  $1.4$  m. above ~~below~~ reek/concrete; Mark is  $2-4$  m. above ~~below~~ G.L.
- Height of Top Vanes to Top Mast/Pillar plate  $1.435$  m. Diameter of Vanes (vertical)  $0.255$  m.
- Height of Cairn  $0.255$  m. Diameter of Cairn  $0.255$  m. Name Plate found/~~not found~~/~~placed~~.
- Length of Mast  $0.255$  m. (approximate if not unplied)
- A. ~~BARSS~~ ~~CONC~~ set in ~~conc~~/~~reef~~/found, bearing  $220^{\circ}$  M from Mast/~~plug~~/~~pillar~~
- A. ~~G.I. PIPE~~ set in ~~conc~~/~~reef~~ has been placed/~~found~~, bearing  $177^{\circ}$  M from Mast/~~plug~~/~~pillar~~
- A. ~~G.I. PIPE~~ set in ~~conc~~/~~reef~~ has been placed/~~found~~, bearing  $124^{\circ}$  M from Mast/~~plug~~/~~pillar~~
- A. set in ~~conc~~/~~rock~~ has been placed/~~found~~, bearing  $0^{\circ}$  M from Mast/~~plug~~/~~pillar~~

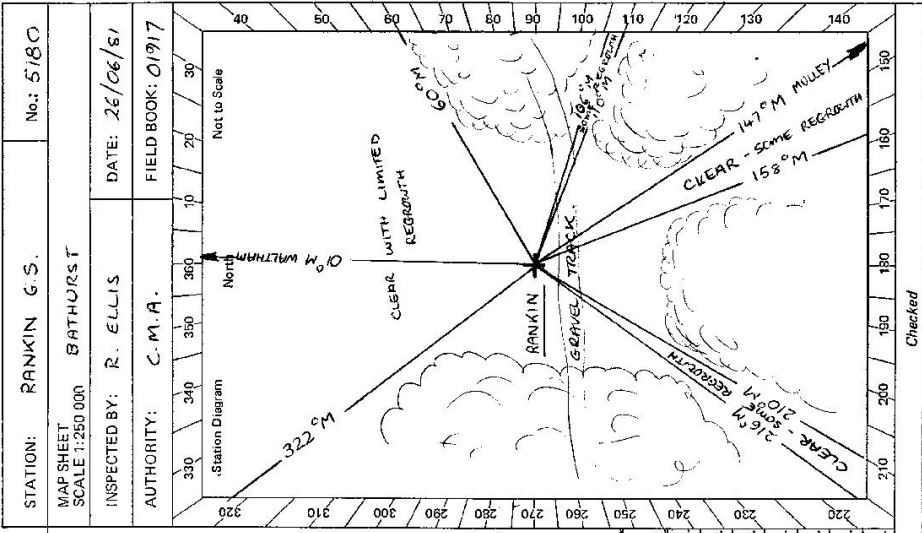
8. Action required: ~~NO. OF BEARINGS REQUIRED~~

STANDPOINT:		STANDPOINT:		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

Prepared by: *[Signature]* 29/08/81

Checked: *[Signature]*

SI 2733-1



Checked

St 2733-2 D. West, Government Printer

<p>Beacon Diagram <span style="float: right;">Not to Scale</span></p> <div style="border: 1px solid black; width: 100%; height: 150px; position: relative;"> <p style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em; font-weight: bold;">PILLAR MAST AND VANES IN GOOD CONDITION</p> </div>	<p style="text-align: center;"><b>STATION RANKIN G.S. TS 5180</b></p> <p>Owner's Name: <u>TR 19730</u>                  Address: .....                  Phone: .....</p> <p>Current Occupant: <u>MR H.M. COLLEY</u>                  Address: <u>RED HILL</u>                  Phone: <u>(063) 371772</u>  <u>MT RANKIN ROAD (See Access)</u>  <u>26-06-1981</u></p> <p>Access Report of <u>21/03/1978</u> was found <u>suitable/unsuitable</u>.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">KM</th> <th style="width: 90%;">FEATURE</th> </tr> </thead> <tbody> <tr><td>0.0</td><td>P.O EGLINGTON - HEAD WEST</td></tr> <tr><td>0.2</td><td>TURN RIGHT</td></tr> <tr><td>1.1</td><td>TURN LEFT</td></tr> <tr><td>1.2</td><td>TURN RIGHT</td></tr> <tr><td>7.0</td><td>TURN LEFT - SIGN " F. WHALAN K. SARGENT "</td></tr> <tr><td>7.8</td><td>TAKE RIGHT FORK</td></tr> <tr><td>8.2</td><td>TAKE RIGHT FORK</td></tr> <tr><td>9.7</td><td>IRON GATE</td></tr> <tr><td>10.2</td><td>PASS YARDS ON RIGHT</td></tr> <tr><td>10.4</td><td>RED BRICK HOUSE ON LEFT</td></tr> <tr><td>11.0</td><td>PASS THROUGH IRON GATE</td></tr> <tr><td>11.5</td><td>RANKIN G.S. ON RIGHT</td></tr> <tr><td colspan="2"><b>ACCESS TO LESSEE'S HOUSE</b></td></tr> <tr><td>11.5</td><td>CONTINUE ALONG TRACK</td></tr> <tr><td>12.2</td><td>IRON GATES</td></tr> <tr><td>12.8</td><td></td></tr> <tr><td>13.0</td><td>DAM ON RIGHT</td></tr> <tr><td>13.1</td><td>LESSEE'S HOUSE ON RIGHT</td></tr> </tbody> </table>	KM	FEATURE	0.0	P.O EGLINGTON - HEAD WEST	0.2	TURN RIGHT	1.1	TURN LEFT	1.2	TURN RIGHT	7.0	TURN LEFT - SIGN " F. WHALAN K. SARGENT "	7.8	TAKE RIGHT FORK	8.2	TAKE RIGHT FORK	9.7	IRON GATE	10.2	PASS YARDS ON RIGHT	10.4	RED BRICK HOUSE ON LEFT	11.0	PASS THROUGH IRON GATE	11.5	RANKIN G.S. ON RIGHT	<b>ACCESS TO LESSEE'S HOUSE</b>		11.5	CONTINUE ALONG TRACK	12.2	IRON GATES	12.8		13.0	DAM ON RIGHT	13.1	LESSEE'S HOUSE ON RIGHT
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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 Varies to Top Mark.....m. Height of mark.....m. above G.L. below Diameter of Varies.....m. Height of Cairn.....m. Original Beacon has/has not been destroyed by me.																																							
Date	Record of Station																																						

STATION: **RANKIN CS (P)** No.: **5782**  
 MAP SHEET SCALE 1:250 000 **BATHURST**  
 INSPECTED BY: **L HITCHINS** DATE: **9/2/82**  
 AUTHORITY: **CMA** FIELD BOOK: **D1933**

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
- Cleared by lanes bearing..... from Trig. Mast
  - Mast & Vanes have been painted white & black respectively.
  - The station/pillar was unpiled/not unpiled/constructed on.....  
 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)
  - A..... set in conc./rock has been placed/found, bearing.....° M from Mast/Plug/Pillar
  - A..... set in conc./rock has been placed/found, bearing.....° M from Mast/Plug/Pillar
  - A..... set in conc./rock has been placed/found, bearing.....° M from Mast/Plug/Pillar
  - A..... set in conc./rock has been placed/found, bearing.....° M from Mast/Plug/Pillar
  - Action required:.....

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

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

Sr 2733-2 D. West, Government Printer

Sr 2733-2 D. West, Government Printer Beacon Diagram Not to Scale	STATION <b>RANKIN C.S (P) TS 5180</b>	Owner's Name: <b>MR. H. GARREY</b> Address: <b>RANKIN ROAD</b> <b>EGLINTON 2795</b> Phone: ..... Current Occupant: ..... Address: ..... Phone: ..... ACCESS <b>9-2-1982</b> Access Report of <b>19/11/19</b> was found suitable/satisfactory. 0 0 GATHURST P.O. HEAD WEST ✓ 0 09 TURN RIGHT INTO GEORGE ST ✓ 0 31 TURN LEFT INTO DURHAM ST ✓ 0 76 STRAIGHT AHEAD ✓ 4 15 TURN RIGHT SIGN "EGLINTON 2" ✓ 6 15 TURN RIGHT SIGN "ALEXANDER ST" ✓ 7 01 TURN LEFT SIGN "WELLINGTON ST" ✓ 7 12 TURN RIGHT SIGN "HILL END" ✓ 12 92 TURN LEFT AT LETTER BOX "J. WUALAN - J.A. SARCENT" 13 78 TAKE RIGHT FORK 14 16 TAKE RIGHT FORK 15 64 THROUGH GATE 16 40 PASS HOUSE ON LEFT 16 95 THROUGH GATE 17 50 RANKIN C.S (P) CONTINUE ALONG TRACK TO OWNERS HOUSE.
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

CENTRAL MAPPING AUTHORITY

GEODETTIC SURVEY OF N.S.W.

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing  $32^{\circ}$  to  $SS^{\circ}$ ,  $100^{\circ}$  to  $104^{\circ}$ ,  $147^{\circ}$  to  $152^{\circ}$ ,  $201^{\circ}$  to  $211^{\circ}$  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  $S/S$   $P$   $1000$   $P$  should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark  $1.380$  m. above below rock/concrete; Mark is  $2.380$  m. above below G.L.

Height of Top Vanes to Top Mark/Pillar plate  $1.475$  m. Diameter of Vanes (vertical)  $0.750$  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
			above standpt.				above standpt.
			below				below standpt.
			above standpt.				above standpt.
			below				below standpt.
			above standpt.				above standpt.
			below				below standpt.
			above standpt.				above standpt.
			below				below standpt.
			above standpt.				above standpt.
			below				below standpt.

Prepared by: *[Signature]*

Checked: *[Signature]*

Noted on U.T.M. Card *[Signature]*

13/5/86

Checked *[Signature]*

14/7/86

STATION: RANKIN GS (P) No.: 5180  
 MAP SHEETS SCALE 1:250 000 BATHURST SCALE 1:100 000  
 INSPECTED BY: L. HUGHINS DATE: 24.9.85  
 AUTHORITY: C.M.A. FIELD BOOK: N/A

Station Diagram

Not to Scale

STATION **RANKIN G.S. (P) TS 5180**

Owner's Name: **J.R. 19730 ?**  
 Address: .....  
 Phone: .....

Current Occupant: **Mr. H.M. Campbell**  
 Address: **1050 Hill  
 Mt. Rankin Road  
 G.S. 51272**  
 Phone: .....

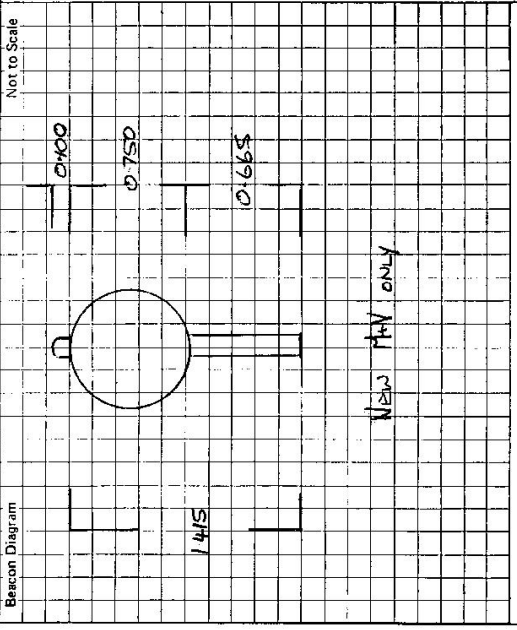
**ACCESS**

Access Report of **24/9/1985** was found suitable/unsuitable.

- 0:00 BATHURST P.O. HEAD WEST
- 0:09 TURN RIGHT INTO GEORGE STREET
- 0:31 TURN LEFT INTO DUNHAM STREET
- 0:76 STRAIGHT AHEAD
- 1:15 TURN RIGHT SIGN "ECLINTON 2"
- 6:15 TURN RIGHT SIGN "ALEXANDER ST"
- 7:01 TURN LEFT SIGN "WELLINGTON ST"
- 7:12 TURN RIGHT SIGN "HILL END"
- 12:02 TURN LEFT AT LETTER BOX "JUNALAN"
- 13:78 TAKE RIGHT FORK
- 14:16 TAKE RIGHT FORK
- 16:19 CROSS GULL
- 16:40 PASS HOUSE ON LEFT
- 16:95 THROUGH GATE
- 17:44 TAKE RIGHT FORK
- 17:50 RANKIN G.S. (P)
- CONTINUE ALONG TRACK TO OWNERS HOUSE.

MT RANKIN RD

2733-2 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.

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

Diameter of Vanes.....m. Height of Calm.....m.

Original Beacon has/not been destroyed by me.

Date

Record of Station