

Integration Site of NSW

Department of Lands

RECONNAISSANCE and MAINTENANCE REPORT 2518

STATION HOWARD

(P) TS 6694

This Trig. Station has been:-

Note: Cross out words 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, Bell, Concrete Pillar

Height of mark..... m ^{above} rock/concrete _{below} m ^{above} G.L. _{below}

Height of Top Vanes to Top Mark/Top pillar plate..... 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/fd..... m. bearing.....°M from Trig. Mast/pillar

6. A..... set in conc./soil has been placed/fd..... m. bearing.....°M from Trig. Mast/pillar

7. A..... set in conc./soil has been placed/fd..... m. bearing.....°M from Trig. Mast/pillar

8. A..... set in conc./rock has been placed/fd..... m. bearing.....°M from Trig. Mast/pillar

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:

(Signature)

Co: BRISBANE

PH: HOWARD

Map Sheet: TERNUM 753

No: 7533

Date: 28.10.75

Field Book:

Authority

Beacon Diagram

Not to Scale

Access only, see over

Date

Record of Station

STATION HOV 1RD (P) TS 6694

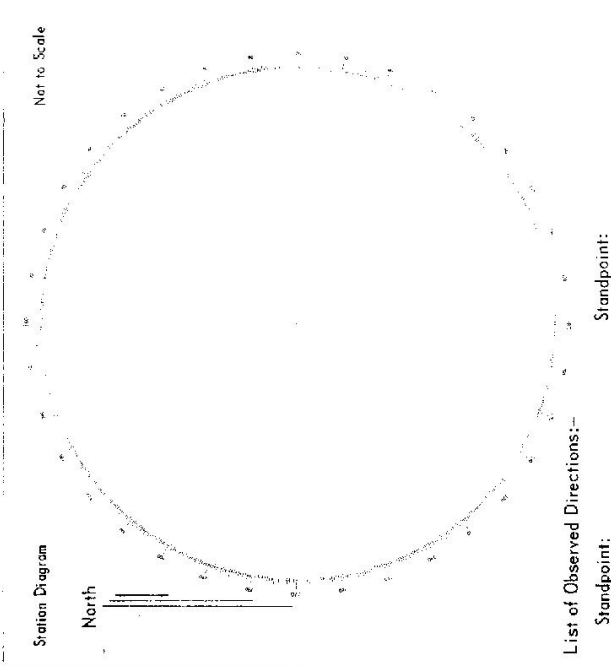
Owners Name..... Current Occupant.....

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

Access 28-10-1975

KM

- 0.00 - Merriwa P.O. - West towards Cassilis
- 5.80 - Turn Right - Follow gravel road
- 11.00 - Double Iron gate - SIGN 'BUCKARINGA'
- 12.00 - Double Iron gate
- 13.00 - Take right fork away from house
- 13.75 - Turn right at gate - follow southern side of fence to top of hill at intersection of fences.
- 14.15 - Turn right along top of ridge - follow fence
- 14.33 - TRIG. (10m inside fence)



List of Observed Directions:-

Standpoint:		Standpoint:	
Station	Direction	Station	Direction

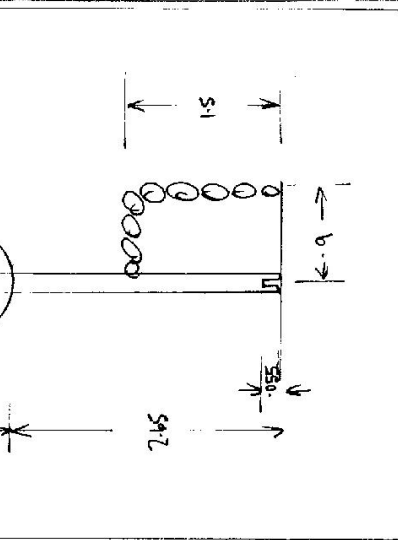
Access Four wheel drive only

Department of Lands
 STATION TS 257E HOWARD (P)

Integrat survey of N.S.W.
RECONNAISSANCE and MAINTENANCE REPORT

Co: BUSBY Ph: HOWARD
 Map Sheet: TELDANONG No: 8933
 Inspected by: A GARRHAM Date: 2.10.79
 Authority: ISB NICLE Field Book: DP 1320

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



1. Completely cleared to permit 360° vision to surrounding Trigs. ✓
 2. Cleared by Jones 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 3 steel pins should be explicit, e.g. Steel plug, Brass plug, Belt Concrete Pillar
 Height of mark 0.055 ^{above} rock concrete _{below} G.L.
 Height of Top Vanes to Top Mark/~~Top Pillar~~ 3.595 m Diameter of Vanes (vertical) 1.0 m.
 Height of Cairn 1.5 m. Diameter of Cairn 1.8 m.
 Length of Mast 3.65 m. (approximate if not unpiled)

Date	Record of Station

- 5. A. set in conc/rock has been placed/fd m. bearing M from Trig. Mast/pillar
- 6. A. set in conc/soil has been placed/fd m. bearing M from Trig. Mast/pillar
- 7. A. set in conc/soil has been placed/fd m. bearing M from Trig. Mast/pillar
- 8. A. set in conc/rock has been placed/fd m. bearing M from Trig. Mast/pillar
- 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 ^{above} m. _{below} m.
- 14. Diff. Ht. is ^{above} m. _{below} m.
- 15. Diff. Ht. is ^{above} m. _{below} m.
- 16. Diff. Ht. is ^{above} m. _{below} m.

Prepared by: AG Checked: AG

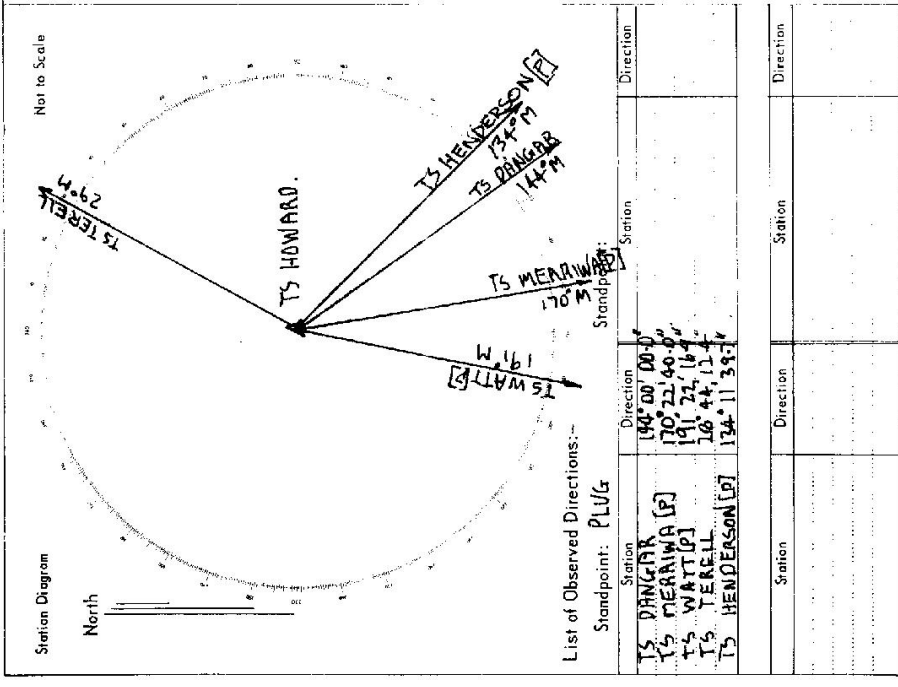
STATION TS 6694
 2518 HOWARD (P)

Owners Name: DAVID HARDY Current Occupant: DAVID HARDY

Address: MAXIMUS Address: _____

- Access
- 0-0 Maximus Rd. Take Casillis Road.
 - 5-7 Turn right onto gravel road (Avocado Rd)
 - 10-8 GRID + GATE
 - 12-25 " "
 - 13-3 Double I. Gates - "BUCKARINGA"
 - 13-9 Concessionary
 - 14-3S Double I. Gates.
 - 14-6 Grid
 - 14-7 Leave main track to left & pass between house and low ridge (on right)
 - 14-9 Double I. Gates - turn right and then follow a N-S fence (Track is on East side)
 - 17-3 Turn right at E-W fence, travel up hill on South side.
 - 17-9 Turn right at fence then.
 - 18-4 Leave vehicle at fence - Turn left to TRIG on East side of fence.

4 wheel drive advised



TS - 6694

STATION: **HOWARD** C.S.

No.: **2578**

MAP SHEET
SCALE 1:250 000

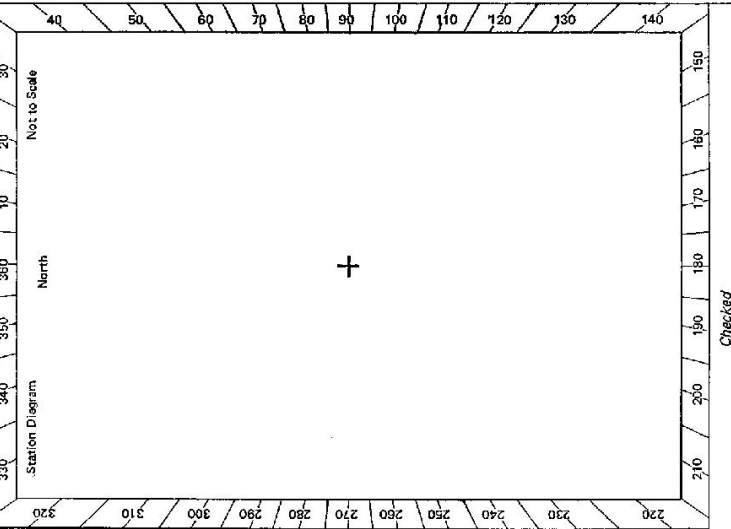
INSPECTED BY: **J. FANNING**

DATE: **25 Feb 80**

FIELD BOOK: **1887**

AUTHORITY: **C.M.A. 40W 229**

Station Diagram



CENTRAL MAPPING AUTHORITY
GEODETTIC SURVEY OF N.S.W.
GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

- Cleared by ~~tree-bearing~~ **D.M. tree** at $35^{\circ} 90'$ ~~175°~~ **175°** ~~Observed~~ **Observed** from Trig. Mast
- Mast & Vanes have been painted white & black respectively.
- The station ~~pillar~~ **was supplied** not unpiled ~~constructed~~ on **25 Feb 80** 19.80 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 ~~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~~ **found** ~~not found~~ **placed**.

Length of Mast $.....$ m. (approximate if not unpiled)
- A $.....$ **S.S.M.** set in conc/rock has been ~~placed~~ **found**; bearing $.....$ 360° M from Mast/~~Height~~ **Pillar 4 1/2**
- A $.....$ **G.I. Pipe** set in conc/rock has been placed ~~found~~ **found**; bearing $.....$ 192° M from Mast/~~Plug~~ **Pillar 3 2 1/2**
- A $.....$ set in conc/rock has been placed ~~found~~ **found**; bearing $.....$ M from Mast/~~Plug~~ **Pillar**
- A $.....$ set in conc/rock has been placed ~~found~~ **found**; bearing $.....$ M from Mast/~~Plug~~ **Pillar**
- Action required: **Erect conc pillar**

Observed Mark	Grid Direction	Horiz. Distance	Height Difference	Observed Mark	Grid Direction	Horiz. Distance	Height Difference
Wetfield	6° 42'	20.4	Hill	Cranbourne	338° 19'	11.5	above standpt
Perse II	39° 48'	25.9	Hill	East Bluff	not feasible	not feasible	above standpt
Diamond	54° 37'	14.4	Hill	Moon	354 47	23.9	above standpt
Quadrant	not feasible	not feasible	below standpt				below standpt
Vanger	155° 04'	35.6	Hill				above standpt
Merriwa (1SD)	181° 03'	MEV	below standpt				below standpt
Watt	202° 28'	13.3	MEV				above standpt

STANDPOINT: **Observed**

STANDPOINT: **Noted on U.T.M. Card**

Prepared by: **J. Fanning**

Checked: **J. Fanning**

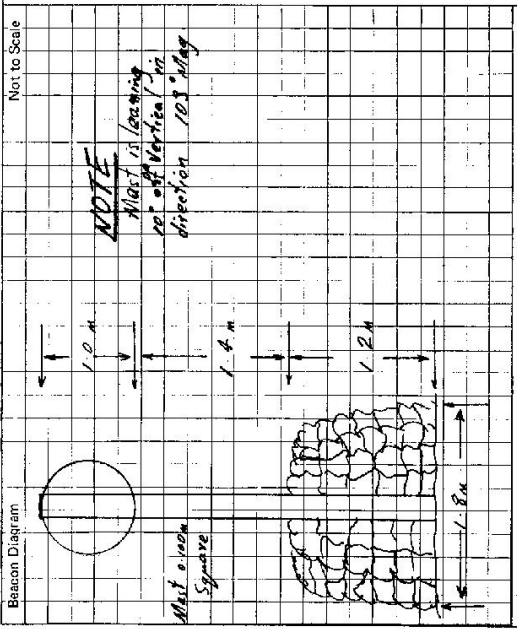
Checked

GS 24

STATION **HOWARD G.S.** TS **6694**

Owner's Name: **Kevin Purston**
 Address: **Loare - Coori Merrivoo (Weekend)**
287 Arkway Avenue / Hamilton Newcastle
 Phone: **(085) 482215 - Merrivoo**
694857 - Newcastle
 Current Occupant:
 Address:
 Phone:
 ACCESS **25-9-1980**

Access Report of **20/1/1980** was found ~~unsuitable~~ unsuitable.
AWD
D-0 Royal Hotel Merrivoo. Travel north on "Scone" Road
0-54 Turn left Signpost Willow Tree
5-40 Turn left Signpost Mountain Station Road
10-28 Grid House on R.H.S. Owners house
10-88 Turn left onto faint track. Follow up gully to fence line & follow along,
with fence line on L.H.S.
12-67 Iron gate - continue along fence line uphill to trig
14-02 Howard G.S.



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. / below.
 Diameter of Vanes m. Height of Cairn m.
 Original Beacon has/has not been destroyed by me.

Date	Record of Station
14.02.80	Permission from Purston to Pillar & clear. If interested contact owner.
	about possible easier access to trig.

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: HOWARD (P) No: 6694

MAP SHEET SCALE 1:250 000 SINGLINGTON
 INSPECTED BY: W M GILLIBRAY DATE: 18-4-81
 AUTHORITY: C.M.A. FIELD BOOK: 1818

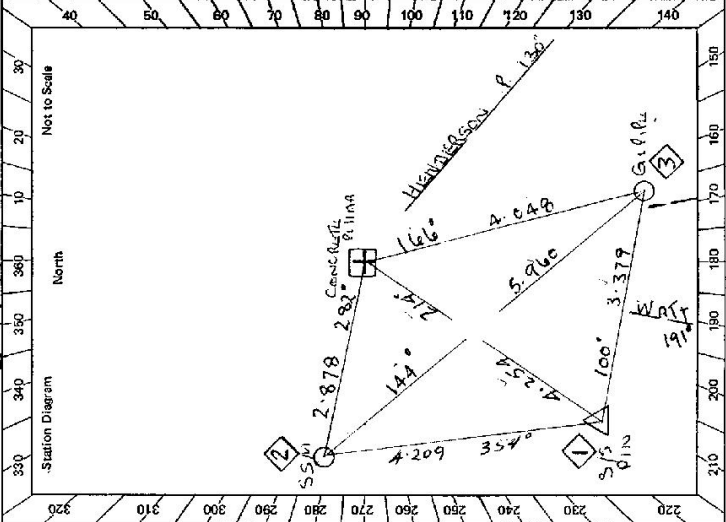
Description:
 1. Cleared by lanes bearing 3.60° from Trig. Mast
 2. Mast & Vanes have been painted white & black respectively.
 3. The station pillar was unpiled/hot unpiled/constructed on 10.0° 19.81°, dimensions now being:
 Description of mark: Pillar (should be explicit, e.g. S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark: 1.360 m. above/below rock/concrete; Mark is 1.510 m. above/below G.L.
 Height of Top Vanes to Top-Mark/Pillar plate: 1.435 m. Diameter of Vanes (vertical): 0.755 m.
 Height of Cairn: m. Diameter of Cairn: m. Name Plate found/hot found/placed.
 Length of Mast: 1.515 m. (approximate if not unpiled)

4. A S/S PILE set in conc/rock has been placed/found, bearing 214.0° M from Mast/Plug/Pillar
 5. A S/S M set in conc/rock has been placed/found, bearing 282.0° M from Mast/Plug/Pillar
 6. A G.I. PIPE set in conc/rock has been placed/found, bearing 166.0° M from Mast/Plug/Pillar
 7. A set in conc/rock has been placed/found, bearing 0° M from Mast/Plug/Pillar

8. Action required:

STANDPOINT: Pillar		STANDPOINT: G.L.		STANDPOINT: S/S P.L.G.			
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
MICERONIA Pillar	359 59 60		above standpt.	MICERONIA Pillar	359 59 60		above standpt.
WATT Pillar	20 58 50		above standpt.	WATT Pillar	20 59 40		above standpt.
S/S P.L.G.	45 21 45	4.259	below standpt.	S/S M	185 47 30	4.209	below standpt.
S/S M	114 52 45	2.878	below standpt.	HOWARD Pillar	225 32 10	4.253	below standpt.
HENDERSON (P)	323 48 56		above standpt.	G.I. Pipe	288 22 30	3.379	below standpt.
G.I. Pipe	357 36 30	4.048	below standpt.	HENDERSON (P)	323 48 40		above standpt.

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



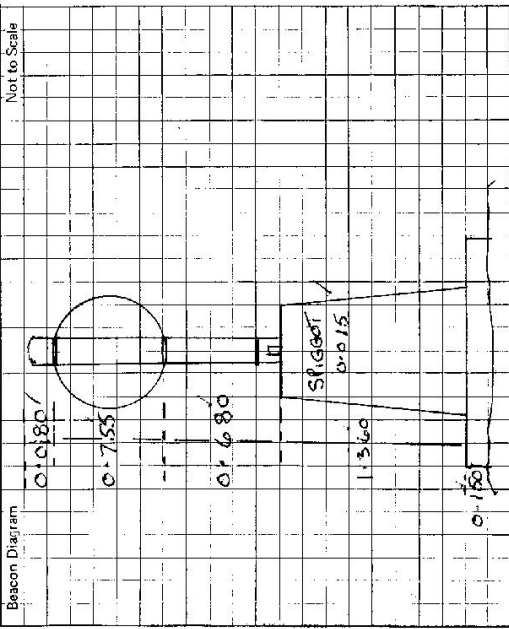
Station Diagram
 North
 Not to Scale
 320 310 300 290 280 270 260 250 240 230
 330 340 350 360 370 380 390 400
 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500

GS 24

STATION **HOWARD** Pillar IS **6694**

Owner's Name: **KAYVIN BARSTON**
 Address: **WALKENOS (WALKENOS) MERRIWA**
 Phone: **08 9465 4835** (Week Days)
 Phone: **08 9465 6957** (Week Days)

Current Occupant:
 Address:
 Phone:
 ACCESS
 Access Report of **14/10/88** was found suitable/unsuitable.
 0:0 ROYAL HOTEL MERRIWA TAKE ROAD TOWARDS SCONE
 0:54 TURN LEFT SIGNPOST WILLOW TREE.
 5:40 TURN LEFT SIGNPOST MOUNTAIN STATION ROAD.
 10:19 GRID. (WINNERS HOUSE ON RIGHT AT 11.00)
 10:88 TURN LEFT ONTO FAINT TRACK FOLLOW UP GULLY TO FENCE-
 LINE KEEP FENCE ON LEFT.
 12:67 IRON GATE. FOLLOW TRACK UP HILL TO G.S.
 14:02 G.S.



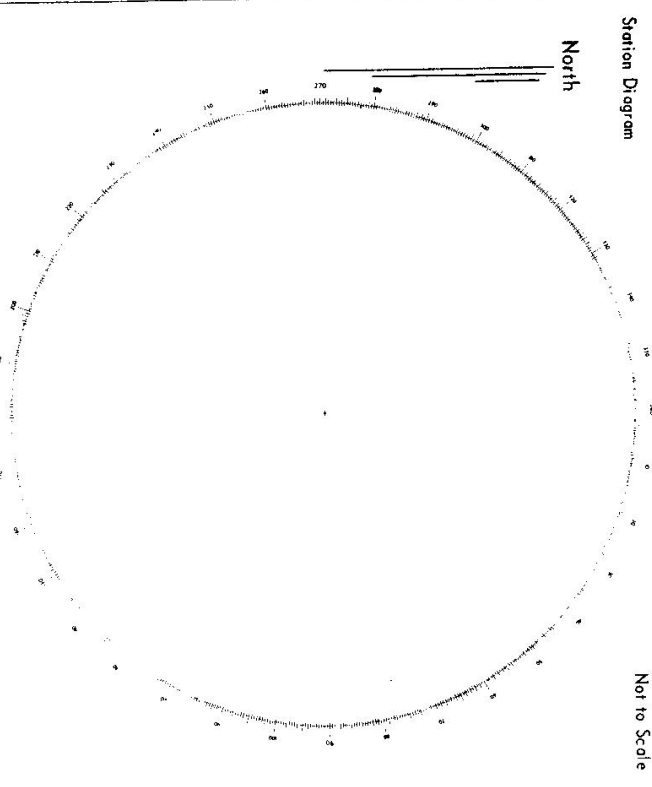
This section to be completed by officer constructing pillar.

Original station mark found ~~not found~~.
 Description of mark: **S/S PIN**
 Original beacon found ~~not found~~.
 Description of beacon: **ROCK CAIRN MAST VANES.**
 Height Top of Vanes to Top Mark **3.599** m.
 Height of mark **0.57** m. above G.L. / **0.60** m. below G.L.
 Diameter of Vanes **1.0** m. / **1.20** m.
 Original Beacon ~~has not~~ been destroyed by me.

Date	Record of Station

6694 STATION HOWARD (P)

Station Diagram



List of Observed Directions:-

Stationpoint:	Station	Direction	Station	Direction

Owners Name.....

Current Occupant.....

Address.....

Address.....

Access : MAY 1998

TS HOWARD ACCESS

- 0.0 km Merriwa P.O. Take Cassillis road to west
- 5.7 km Turn right onto gravel road- Avocado Rd
- 10.85 km Grid & Gate
- 12.35 km Grid & Gate
- 13.45 km Double Iron Gates -"Buckaringa"- RHS gate
- 14.75 km Grid
- 14.9 km Take track to left & pass between two sheds
- 15.0 km Through Double gate and follow track to right
- 17.45 km Turn right at E-W fence, travel up hill
- 18.05 km Turn right at fence intersection
- 18.55 km Leave vehicle at top of hill. 70 metre walk to TS.

4wd Access All clear for GPS

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