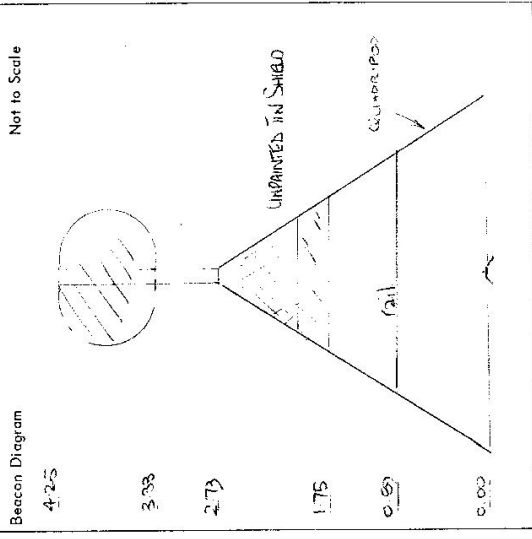


7-19-8

Department of Lands
 Integral Survey of N.S.W.
 RECONNAISSANCE and MAINTENANCE REPORT 4970 STATION BLACK RANGE (BYS) 4970

Co: _____ Ph: _____
 Map Sheet: _____ No: _____
 Inspected by: C. JEREMY Date: 10/12/14
 Authority: LAYOS DEPT. Field Book: 68L34



Beacon Diagram	Co.	Ph.
4-25		
3-08		
2-73		
1-75		
0-69		
0-00		

Date	Record of Station

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: SSM in concrete should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar
 Height of mark: 0.00 m above ~~sea level~~/concrete 0.00 m above G.L.

Height of Top Vanes to Top Mark/Top pillar plate: 4.25 m Diameter of Vanes (vertical): _____ m.
 Height of Cairn: _____ m. Diameter of Cairn: _____ m.

- Length of Mast: 1.52 m. (approximate if not unpiled)
5. A. Case 1 set in conc./~~rock~~ has been placed/fd 8.59 m. bearing 113 °M from Trig. Mast/~~pillar~~
Case 2 set in conc./~~soil~~ has been placed/fd 1.39 m. bearing 218 °M from Trig. Mast/~~pillar~~
 6. A. Case 2 set in conc./~~soil~~ has been placed/fd 3.797 m. bearing 204 °M from Trig. Mast/~~pillar~~
 7. A. SSM 1628 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: Case 1 to Case 2: 17.165 m. bearing 245 °M
Case 1 to SSM 1628: _____ m. bearing _____ °M
10. Connection: SSM 1628 to Case 2: 9.087 m. bearing 265 °M
11. Connection: SSM 1628 to Case 2: 10.644 m. bearing 228 °M
12. Connection: _____ to _____ m. bearing _____ °M
13. Diff. Ht. Case 1 is 0.16 m. ^{above}/_{below} TRIG SURVEY RANGE
14. Diff. Ht. SSM 1628 is 0.16 m. ^{above}/_{below} TRIG SURVEY RANGE
15. Diff. Ht. CARTROG CASE 2 is 1.40 m. ^{above}/_{below} TRIG SURVEY RANGE
16. Diff. Ht. _____ is _____ m. ^{above}/_{below} _____

Prepared by: L. M. HAYES Checked: P. DOLAN - PRAY

STATION **BLACK RANGE TS** 4970

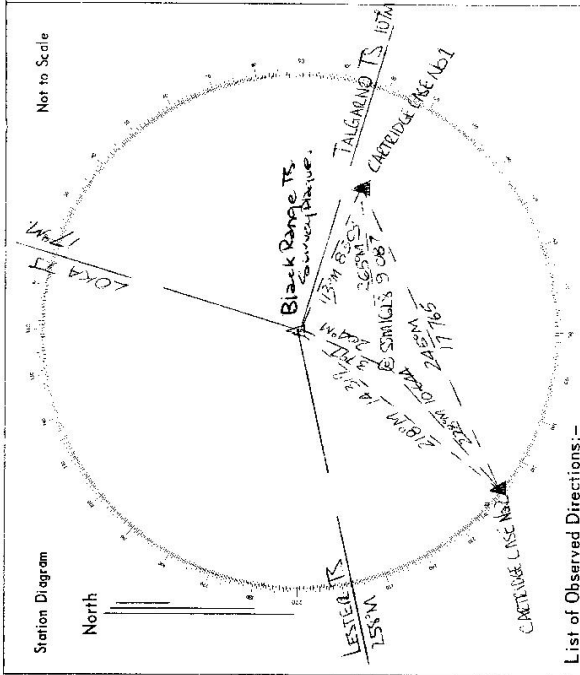
Owners Name.....

Current Occupant.....

Address.....

Address.....

Access.....



List of Observed Directions:-

Standpoint: SURVEY RANGE		Standpoint: CARTRIDGE CASE 1	
Station	Direction	Station	Direction
LESTER TS	357 21 60	COREYS TS	357 51 60
CARTRIDGE CASE 1	118 13 24	CARTRIDGE CASE 2	102 25 45
CARTRIDGE CASE 2	310 10 47.5	LESTER TS	117 01 39
	357 14 29.5	SSM 162.8	150 32 40.5
		BLACK RANGE TS	155 10 32
		LOKA TS	234 28 09
CARTRIDGE CASE 2			
Station	Direction	Station	Direction
BLACK RANGE TS	357 51 60		
SSM 162.8	4 28 29.5		
CARTRIDGE CASE 1	25 13 35		

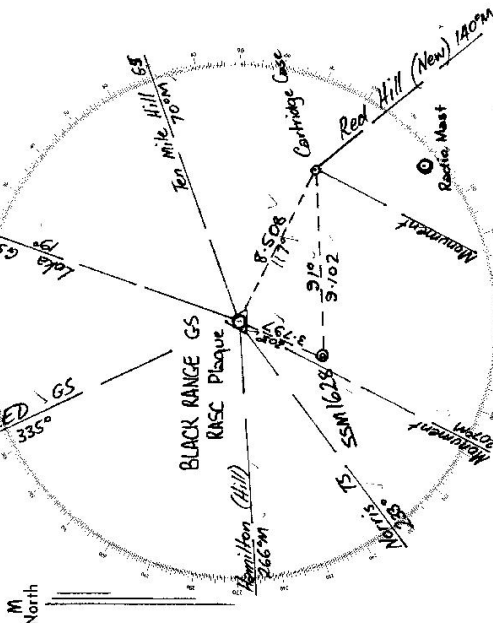
STATION BLACK RANGE GS 4970

Owners Name:
 Current Occupant:
 Address:
 Address:

Access 2WD after dry weather 7-12-76

0.0 Kms LAVINGTON P.O. opposite Garrison Hotel. Take road towards STRAUS & turn right to left
 0.1 Turn right into GRIFFITH ST. Milk Bar on corner on RHS
 0.15 Turn left into PRUNE ST. & continue to end of bitumen
 2.65 Turn right into STRAUSS ST. (Gravel)
 3.25 Just after lagoon on RHS turn left up gravel road.
 3.45 House on LHS. Straight ahead on main track through gate.
 4.35 Through gate.
 4.45 Pass road to quarry on RHS
 4.65 Cross wall of dam & stay on main track.
 5.25 Through gate.
 5.85 Δ

Station Diagram Not to Scale



List of Observed Directions:-
 Note: Red Hill (New) not visible from Δ due to radio mast

Station	Direction	Station	Direction
MONUMENT HILL (monument)	359 59 60		
TEN MILE HILL GS	222 20 33		
Cartridge Case	266 02		
SSM 1628	354 26		
Standpoint: SSM 1628			
MONUMENT HILL (monument)	359 59 60		
RASC Plaque	174 27		
TEN MILE HILL GS	222 19 06		
Cartridge Case	243 24		

7-408

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION BLACK RANGE GS (Pillar) 4970

This Trig. Station has been:-

Note: Cross out word or words which do not apply

1. Completely cleared to permit 360° vision to surrounding Trig.

2. Cleared by lanes bearing from Trig. Mast

3. Trig. Mast & Vanes have been painted ~~white~~ black ~~completely~~. Pillar white

4. The Trig. was ~~unaffected~~ ^{constructed on 23-2-77} ~~not unaltered~~, dimensions now being:

Description of mark. Conc. Obs. Pillar. (~~Placed~~) should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark. 1.360 m above below G.L. Diameter of Vanes (vertical) 0.915 m.

Height of Top Vanes to Top Mark. 2.855 m.

Height of Cairn m. Diameter of Cairn m.

Length of Mast m. (approximate if not unplied)

5. ASSM 1628, set in conc/~~mark~~ has been ~~placed~~ ^{found placed} 3.779 m. bearing. 202.0M from Trig. Mast

6. Cartridge Case set in conc/~~mark~~ has been ~~placed~~ ^{found placed} 8.510 m. bearing. 116.0M from Trig. Mast

7. A set in conc./soil has been placed m. bearing. 0M from Trig. Mast

8. A set in conc/rock has been placed m. bearing. 0M from Trig. Mast

9. Connection SSM 1628 to ~~Case~~ ^{Cartridge Case} 9.096 m. bearing. 22.0M

10. Connection to m. bearing. 0M

11. Connection to m. bearing. 0M

12. Connection to m. bearing. 0M

13. Diff. Ht. SSM 1628 is 1.572 m. ~~above~~ ^{below} Pillar Plate.

14. Diff. Ht. Cartridge Case is 1.252 m. ~~above~~ ^{below} Pillar Plate.

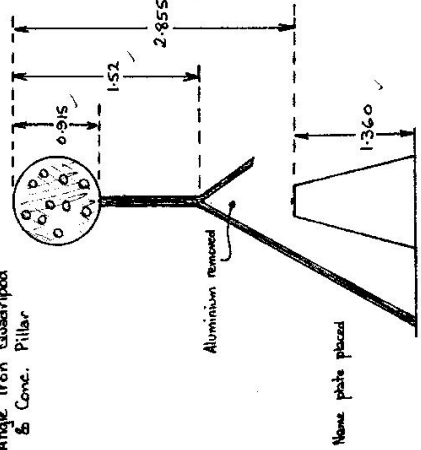
15. Diff. Ht. ~~SSM 1628~~ is m. ~~above~~ ^{below} Pillar Plate.

16. Diff. Ht. ~~SSM 1628~~ is 1.416 m. ~~above~~ ^{below} Pillar Plate.

Prepared by: *H. J. ...* 4-3-77 Checked: *H. J. ...* 1978 Noted on U.T.M. Card

Co: **Goulburn** / Ph: **Mungaharina** /
Map Sheet: **ALBURY** / No: **8225 N** ✓
Inspected by: **H. Barrater** / Date: **1-3-77**
Authority: **CMA** / Field Book: **1519**

Beacon Diagram
Angle Iron Quadripod
& Conc. Pillar



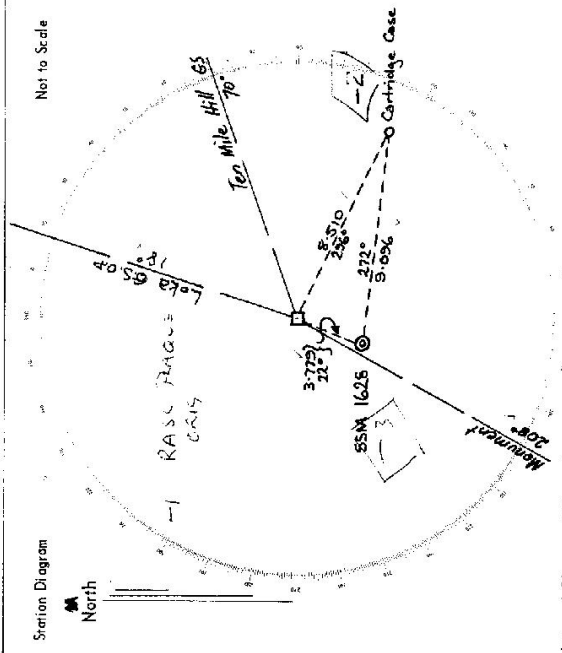
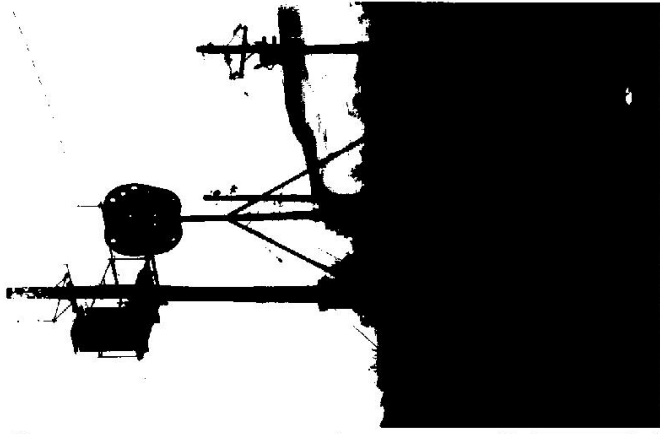
Date	Record of Station
23-2-77	Pillar placed

Checked

STATION BLACK RANGE GS (R115r) 4970

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

Access 2WD after dry weather 1-3-77
 Original access (7-12-76) OK



List of Observed Directions:-

Standpoint: Conc. OP		Standpoint:	
Station	Direction	Station	Direction
MONUMENT	359 59 60		
TEN MILE HILL GS	222 20 35		
Cartridge Case	217 54		
SSM1628	354 21		
Station	Direction	Station	Direction

LAND INFORMATION CENTRE

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **BLACK RANGE (P)** No.: **4970**

MAP SHEET SCALE 1:250 000 **Wangaratta**

INSPECTED BY: **A. Sivertsen** DATE: **5.2.92**

AUTHORITY: **LIC** FIELD BOOK: **2110**

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. **STEEL QUADRIPOD**..... from Trig. Mast

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 rock/concrete; Mark is.....m. above G.L. below

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 Mastm. (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

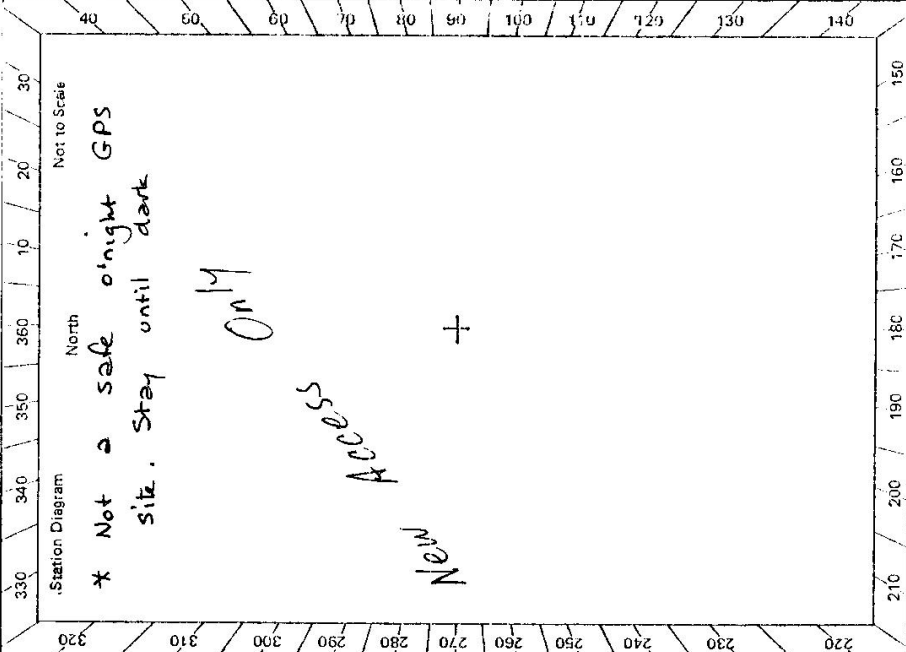
6. A.....set in conc/rock has been placed/found; bearing.....°M from Mast/Plug/Pillar

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. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below
			above standpt. below				above standpt. below

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



St 2733-2 D. West. Government Printer

STATION BLACK RANGE (P) 4970	
<p>Owner's Name:</p> <p>Address:</p> <p>Phone:</p> <p>Current Occupant:</p> <p>Address:</p> <p>Phone:</p> <p>DATE Feb 1992 ACCESS Awd</p> <p>Access Report of/19..... was found suitable/unsuitable.</p>	<p>0.0 Dean / Young (Hwy) streets in ALBURY. Take Hwy towards Gundagai</p> <p>3.67 Pass UNION ST on L</p> <p>3.73 Turn L into URANA RD towards LAVINGTON S ways</p> <p>3.90 Pass GRIFFITH ST on R</p> <p>4.04 Turn R SANDERS ST</p> <p>4.20 Turn L PRUNE ST</p> <p>6.53 Turn R STRAUSS ST</p> <p>7.06 Turn L SHAW ST</p> <p>7.47 Take R fork</p> <p>7.52 Gate</p> <p>8.16 Gate</p> <p>8.32 Take R fork</p> <p>8.43 Through gate & cross dam wall & follow main track.</p> <p>9.70 BLACK RANGE (P)</p>
<p>Beacon Diagram</p> <p>Not to Scale</p>	<p style="text-align: center;">20 mins from ALBURY</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:</p> <p>Height Top of Vanes to Top Mark.....m.</p> <p>Height of mark.....m. above G.L. below</p> <p>Diameter of Vanesm. Height of Cairnm.</p> <p>Original Beacon has/has not been destroyed by me.</p>	
<p>Date</p>	<p>Record of Station</p>