

CENTRAL MAPPING AUTHORITY

Trigonometrical Survey of N.S.W.

Department of Lands

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 unimpeded by _____, dimensions now being: _____

Description of mark: Concrete Pillar should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark: 1.310 m above rock/concrete Slight m above below G.L.
 Height of Top Vanes to Top Mast 1.415 m. Diameter of Vanes (vertical) 0.170 m.
 Height of Cairn _____ m. Diameter of Cairn _____ m.

Length of Mast _____ m. (approximate if not unimped)

5. A. Concrete Pillar set in conc/rock has been placed 2.704 m. bearing 91.0°M from Trig. Mast
6. A. S.S.M. set in conc/rock has been placed 6.938 m. bearing 128°M from Trig. Mast
7. A. G.I. Pipe set in conc/rock has been placed 2.197 m. bearing 222.5°M from Trig. Mast
8. A. _____ set in conc/rock has been placed _____ m. bearing _____°M from Trig. Mast

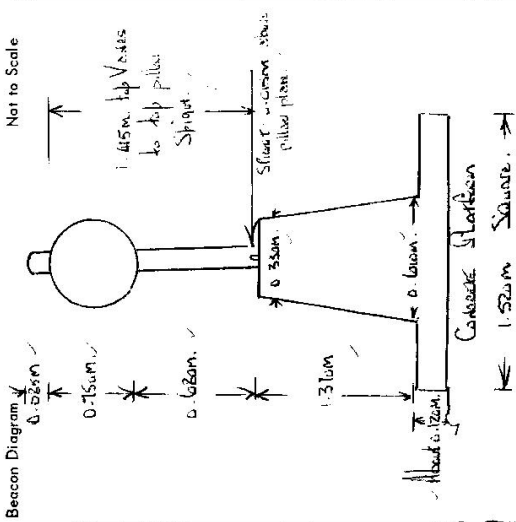
Note: Original cairn had been widened
Please to my visit to this station
Mast and Vanes measurements are
Diameter Vanes 0.900m.
Mast Skewate 0.120m.

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. Conc. Obs. Pillar is 1.618 m. above Trig. Mast
14. Diff. Ht. Conc. Obs. Pillar is 1.613 m. above S.S.M.
15. Diff. Ht. Conc. Obs. Pillar is 1.406 m. above G.I. pipe
16. Diff. Ht. _____ is _____ m. above below _____

Prepared by: _____ Checked: _____

Noted on U.T.M. Card

STATION Black Mountain Pillar G.S. 5819
 Co: SANDON Ph: URDRAH
 Map Sheet: ARNDRAE NORTH No: 9236
 Inspected by: DAVID J. KANE Date: 20 March 1977
 Authority: C.M.A. Field Book: 01408



Date	Record of Station

Checked

STATION Black Mountain Pillar G.S. 5819

Owners Name Mr. Mulligan
 Address Cooney, Eborac Road
 Current Occupant.....
 Address.....
Armidale

Access 30-3-1977

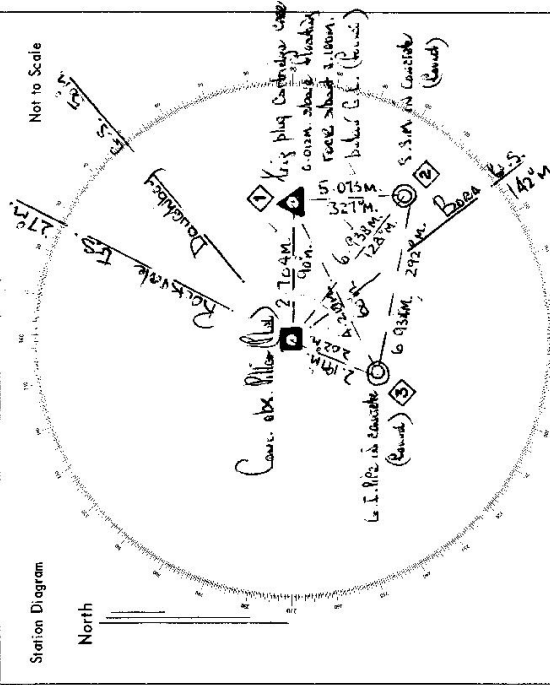
Access to Black Mountain Pillar U.S.

At Armidale Post Office at 0.0 Kilometers, travel toward Eborac.
 Kilometers
 19.70

Pass homestead of owner of land on which this is situated.
 Mr. Mulligan at property, Cooney on Young L.H.S.
 Cross road bridge over Baker's Creek.
 Turn left into Sparrow, Stockton, follow fence with homestead on your left then over bend, follow fence toward lands.

25.60
 27.50
 28.20
 28.30
 28.60
 28.90
 30.90
 31.10
 32.40
 32.90
 33.90

Cross over concrete Causeway.
 Through Iron Gate, then take Iron Gate immediately on your left, follow track.
 Through Iron Gate, follow fence over wooden bridge.
 Cross over wooden bend, follow track.
 Pass Dam on your R.H.S.
 Through Iron Gate, follow track.
 Cross over wooden bridge, follow track.
 Through Iron Gate, Dam immediately in front, follow fence westward.
 Pass Dam on your R.H.S. follow track westward up spur.
 Leave vehicle at North/South boundary fence (nothing).
 Two (2) minutes very easy walk to Observation Pillar.



List of Observed Directions:-

Station	Direction	Station	Direction
Dankshby G.S.	97.6	Dankshby G.S.	6.04
Kings Plg.	74.52	S.S.M.	93.52
Borer G.S.	93.49	Borer G.S.	93.52
G.I. Pipe	155.36	G.I. Pipe	188.56
Rackvale G.S.	337.21	Caus. obs. Pillar	217.13
		Rackvale G.S.	337.21

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
2. Mast & Vanes have been painted white & black respectively. 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.
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..... ^{NEW} 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:

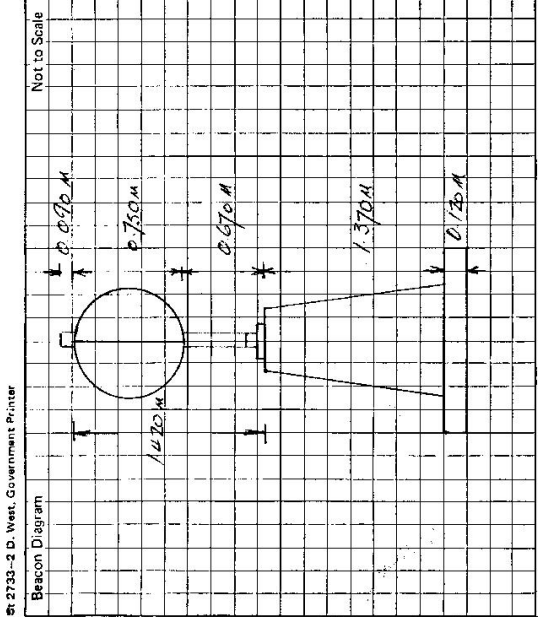
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below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

Prepared by: P.B. 23.6.84. Checked: 17/1/85. Noted on U.T.M. Card

Checked: 19/7/84

STATION: *Black Mountain G.S.P.* No.: *5819*
 MAP SHEETS SCALE 1:250 000 SCALE 1:100 000
 INSPECTED BY: *P.B.* DATE: *20.6.84*
 AUTHORITY: *C.M.A.* FIELD BOOK: *01931*

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 Vane to Top Mark.....m.

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

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

Original Beacon has/not been destroyed by me.

STATION BACK MOUNTAIN G.S.O 5819

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

ACCESS

Access Report of 20.1.19 was found suitable/unsuitable.
PORTURE
 0.00 POST OFFICE ARMADALE HEAD WEST ALONG FAULKNER STREET
 0.13 CROSS ROADEN STREET.
 0.34 TURN LEFT
 0.54 CROSS INTERSECTION SIGN DARRIED
 1.53 CORNER HOUSE ON LEFT "CORNEY"
 2.07 BRIDGE OVER PARKER GREEN
 2.51 TURN LEFT INTO "STARKTON" PROPERTY & CROSS GRID
 2.69 GRID
 2.88 TAKE LEFT FORK
 2.13 GREEN CROSSING
 2.72 IRON GATE YARDS ON RIGHT, THEN TURN SWAMP LEFT THROUGH IRON GATE
 2.75 IRON GATE
 2.83 WOODEN BRIDGE
 2.83 MOODEN GRID
 2.83 ISS TRACK ON RIGHT
 2.87 TURN TRUNKS LEFT TO METRE'S FROM FENCE CORNER & GATE
 2.96 DOWN ON RIGHT
 2.96 TURN RIGHT THROUGH IRON GATE THEN FEEL UP TO LEFT, IRON GATE
 3.07 WOODEN BRIDGE ACROSS GREEN
 3.17 TURN LEFT THROUGH IRON GATE
 3.21 IRON GATE - TOWN TREAT AHEAD AHEAD FENCE

Remarks

DAM ON RIGHT
3.82 TURN RIGHT AWAY FROM FENCE & HEAD ALONG RIDGE TOE ON
3.23 AS FENCE - 75 METRE WALK TO TRIG.