

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION **HAT HILL 75. (Pillar)**
Co: **COOK**
Map Sheet: **KATOOMBA NORTH** | No: **B030**
Inspected by: **D.J. BATH A.R. TRIMS**
Authority: **C.M.A.**
Date: **21-5-76**
Field Book: **1470**
Beacon Diagram: **Not to Scale**
Pillar Constructed by Blue Mountains City Council.

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 lances bearing..... from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
4. The Trig. was unpiled/not unpiled, dimensions now being: *(5' Steel Pin in rock)* Original Station Mark found / not found

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

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

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 *Steel Pin* set in conc/rock has been placed *found 4.20d. m. bearing 73°* m from Trig. Mast *Pillar*
6. A *SSM* set in conc/soil has been placed *found 7.774 m. bearing 50°* m from Trig. Mast *Pillar*
7. A *G.I. Pipe* set in conc/soil has been placed *found 3.136 m. bearing 01°* m from Trig. Mast *Pillar*
8. A..... set in conc/rock has been placed..... m. bearing..... m from Trig. Mast

9. Connection *Steel Pin* to *SSM*..... m. bearing *32°* m

10. Connection *SSM* to *G.I. Pipe*..... m. bearing *253°* m

11. Connection *G.I. Pipe* to *Steel Pin*..... m. bearing *117°* m

12. Connection..... to..... m. bearing..... m

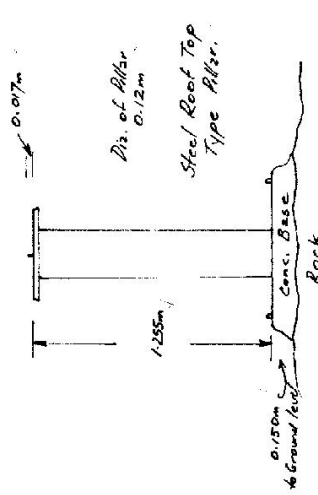
13. Diff. Ht. *5.5 M* is *1.637* m. below *Pillar Plate*

14. Diff. Ht. *G.I. Pipe* is *1.705* m. above *Pillar Plate*

15. Diff. Ht. *Steel Pin* is *1.462* m. above *Pillar Plate*

16. Diff. Ht. *G.I. Pipe* is *0.079* m. below *S.S.M.*

Prepared by: *Paul May 11/6/76* Checked: *P.R. Bath 11/6/76* Noted on U.T.M. Card



Date
Record of Station

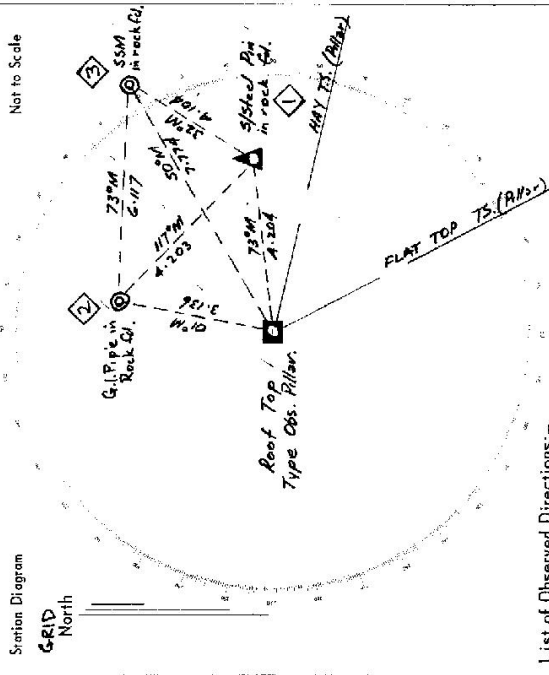
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STATION HAT HILL TS (Pillar) 5918

Owners Name... BLUE MOUNTAINS NATIONAL PARK Current Occupant.....

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

Access
21-5-1976 FROM BLACKHEATH TAKE HAT HILL ROAD FOR
 5.6 KM PROCEEDING INTO BLUE MOUNTAINS NATIONAL
 PARK. TRIG IS SUPERPOSED "HAT HILL" & TRIG IS APPROX.
 500 m FROM ROAD.



List of Observed Directions:-

Standpoint: Roof Top Type Pillar Standpoint: Sited Pn in rock fl.

Station	Direction	Station	Direction
HAT HILL TS (Pillar)	59 59 60	HAT HILL TS (Pillar)	557 59 60
FLAT TOP TS (Pillar)	41 57 55	FLAT TOP TS (Pillar)	41 58 52
G.I. Pipes in rock fl.	271 38 32	Roof Top Pillar	100 01 52
SSM in rock fl.	319 36 46	G.I. Pipe in rock fl.	203 47 58
Sited Pn in rock fl.	300 02 50	SSM in rock fl.	298 59 08

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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: Roof Top Pillar should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark: 1.225 m above rock/concrete 1.365 m above G.L.
 Height of Top Vanes to Top Mark: _____ m. Diameter of Vanes (vertical) 0.735 m.
 Height of Cairn: _____ m. Diameter of Cairn: _____ m.

- Length of Mast _____ m. (approximate if not unpiled)
5. A. SS.M. set in conc/rock has been placed 4.223 m. bearing 59°M from Trig. Mast PILLAR
FOUND 7.789 m. bearing 43°M from Trig. Mast PILLAR
FOUND 3.139 m. bearing 3°M from Trig. Mast PILLAR
 6. A. SS.M. set in conc/soil has been placed _____ m. bearing _____°M from Trig. Mast _____
 7. A. G.I.P. 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 NO MARK, VANES IN BRICK FOUND ONLY.
10. Connection _____ to _____ m. bearing _____°M SMOOTHNESS STEEL IN. IN MARK.
11. Connection _____ to _____ m. bearing _____°M
12. Connection _____ to _____ m. bearing _____°M

13. Diff. Ht. SMOOTHNESS STEEL IN. is 1.475 m. below PILLAR PLATE
14. Diff. Ht. SS.M. is 1.648 m. below MARK PLATE
15. Diff. Ht. G.I.P. is 1.725 m. below PILLAR PLATE
16. Diff. Ht. _____ is _____ m. above _____

Prepared by: V. BARR 11/7/77 Checked: J.F. BARR 26-7-77 Noted on U.T.M. Card

IS 5918

STATION HAT HILL G.S. PH: BLACKHEATH
 Co: COOK Map Sheet: KATOOMBRA No: 8930-N
 Inspected by: V. BARR Date: 11.7.77
 Authority: C.M.A. Field Book: D1538
 Not to Scale
 1: 0.735 m.
 2: 0.271 m.
 3: 0.850 m.
 4: 0.395 m.
 5: 0.140 m.

Beacon Diagram

NEAR ROBIN 0.365 M
 HEIGHT SURFACE & G.S.M.
 ROCK

Date: 11/7/77 Record of Station: Roof Top Pillar PLATES
No Name Plate MARKS

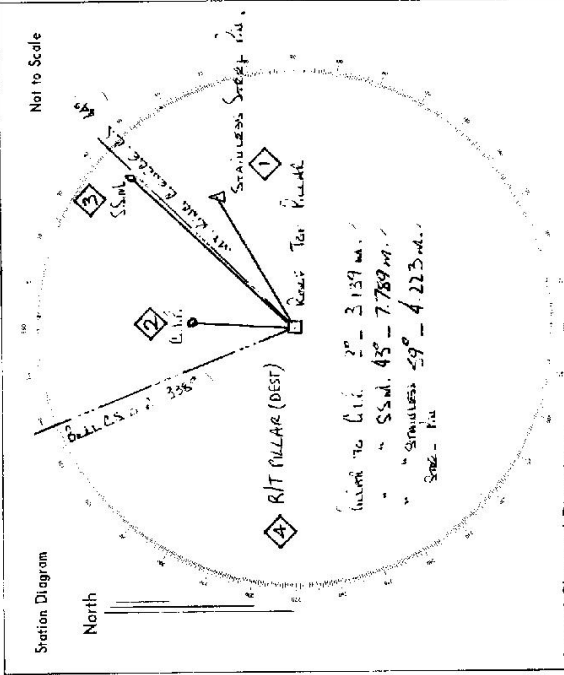
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STATION HAT HILL LEOP TOP KILLAR (I.S.) TS-5918

Owners Name: Blue Mountains National Park.
 Address: P.O. Supersite/Industrial, Blackheath.
 Current Occupant:
 Address:

Access from Blackheath to 11-7-1977

- 0.000 To. DUNDREATH HEAD WATTS BLANK. MEANTIMEKRI ADIC.
- 0.10 Cross HAWKE AVE ON RIGHT
- 0.20 Pass GARDNER CRESTHAT ON RIGHT
- 0.30 Turn RIGHT ALONG HAT HILL ROAD.
- 2.90 END SEALED ROAD.
- 3.70 Pass TRAIL ON LEFT.
- 4.10 Follow ROAD AHEAD TO LEFT.
- 4.90 Pass TRAIL ON RIGHT HILL USABLE TO LEFT Down.
- 5.25 See VEHICLE SIGN HAT HILL 5 MINUTES WALK TO STATION.



List of Observed Directions:-

Station	Direction	Station	Direction
MT. KILLAR OBSERVATION	0.000	MT. KILLAR OBSERVATION	0.000
STAINLESS STEEL P.I. IN ROAD	19.59	TOP OF SEALED ROAD	20.00
BULL CS 0.1	286.38	0.10	286.38
GRASS IN ROAD	312.12	TRAIL	312.12
SEALED ROAD	359.34	SEALED ROAD	359.34

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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 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..... 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: GREG DICKSON 11/8/77 Checked:

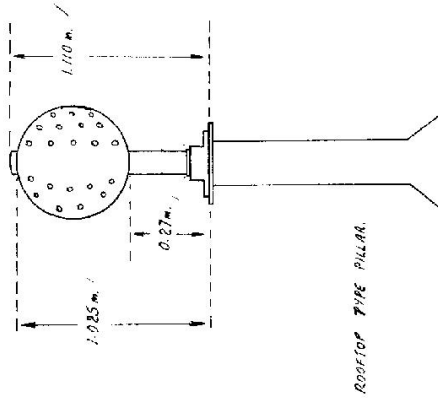
Noted on U.T.M. Card

STATION HART HILL C.P. TS-5918

Co: COOK. Ph: BLACKHEATH
 Map Sheet: MOUNT WILSON No: 8930-1-N
 Inspected by: GREG DICKSON Date: 19th July 1977
 Authority: C.M.B. Field Book: AB 1573

Beacon Diagram

Not to Scale

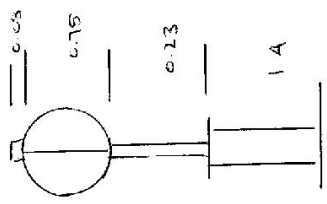


Date	Record of Station

Checked

5918

STATION TS 2A3T HAT HILL (P)
 Co: COOK | Ph: BLACKHEATH
 Map Sheet: MT WILSONS | No: 2875
 Inspected by: C STARKLEY | Date: 27/4/81
 Authority: DEPT LANDS | Field Book: 17A8
 Beacon Diagram: Not to Scale



Department of Lands | Reconnaissance and Maintenance Report | Integra | Survey of N.S.W.

This Trig. Station has been: Not to Scale

- 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: STEEL PILLAR should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar
 - Height of mark: 1 A m above rock, concrete m below G.L.
 - Height of Top Vanes to Top Mark/Top pillar plate: 0.58 m Diameter of Vanes (vertical): 0.15 m.
 - Height of Cairn: m. Diameter of Cairn: m.

- 5. A SSM set in conc/rock has been placed/d m bearing A6 m from Trig. Mast/pillar
- 6. A TRIG PILE set in conc/soil has been placed/d A27 m bearing 66 m from Trig. Mast/pillar
- 7. A set in conc/soil has been placed/d m bearing m from Trig. Mast/pillar
- 8. A set in conc/rock has been placed/d m bearing m from Trig. Mast/pillar
- 9. Connection SSM to TRIG PILE A100 m bearing 264 °M
- 10. Connection to m bearing °M
- 11. Connection to m bearing °M
- 12. Connection to m bearing °M
- 13. Diff. Ht. SSM is 1.642 m. PILLAR PLATE is 1.642 m. above below
- 14. Diff. Ht. TRIG PILE is A27 m. above below
- 15. Diff. Ht. is m. above below
- 16. Diff. Ht. is m. above below

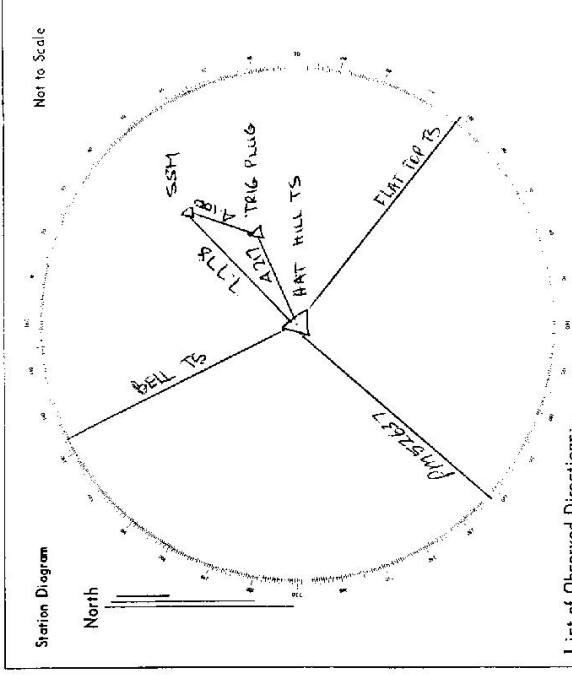
Prepared by: MS | Checked: MS

Date: | Record of Station:

STATION 5418 TS 2221 HAT HILL

Owners Name
 Address
 Current Occupant
 Address

Access 27-4-1981
 FROM BLACK HEATH TAKE HAT HILL ROAD,
 GO PAST OLD NERO DOME, FOR ABOUT 3 KMS.
 TS IS VISIBLE ON LEFT FROM ROAD
 IT IS POSSIBLE TO DRIVE BELOW TS.
 ABOUT 5 MINS WALK



List of Observed Directions:-
 Standpoint: TRIG PLUG

Station	Direction	Station	Direction
<u>PM57637</u>	<u>282 00 00</u>	<u>PUNAR</u>	<u>0 00 00</u>
<u>BELL TS</u>	<u>333 00 024</u>	<u>SSM</u>	<u>138 31 35</u>
<u>FLAT TOP TS</u>	<u>178 11 572</u>		
<u>SSM</u>	<u>45 56 38 1</u>		
<u>TRIG PLUG</u>	<u>66 22 28 1</u>		